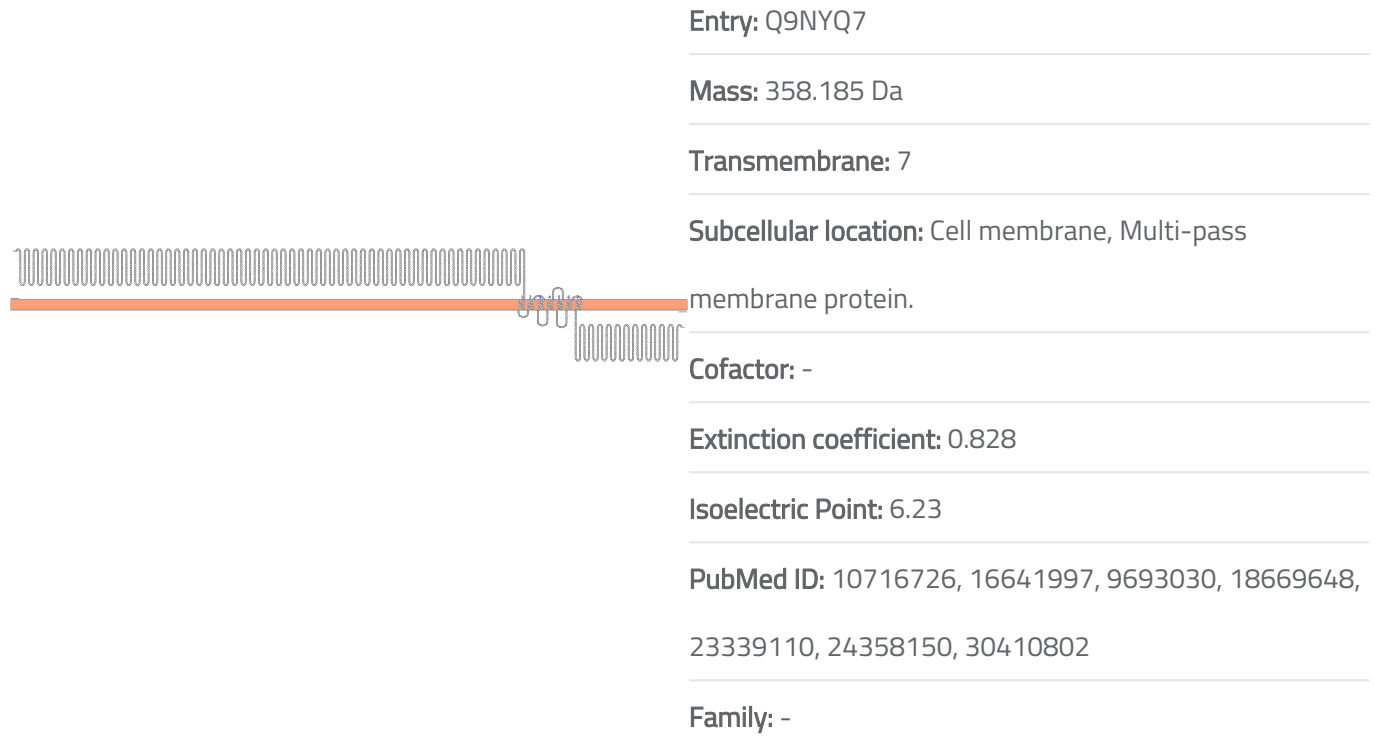


Cadherin EGF LAG seven-pass G-type receptor 3

Organism: Homo sapiens (Human) | Gene names: CELSR3, CDHF11, EGFL1, FMI1, KIAA0812, MEGF2



Function:

Receptor that may have an important role in cell/cell signaling during nervous system formation.

Data from experiment(s): Hek293 membrane pellets

DIBMA 10	No data	DIBMA 12	No data
DIBMA Glycerol	No data	DIBMA Glucosamine	No data
Amphipol 17	No data	Amphipol 18	No data
AASTY 6-45	No data	AASTY 11-45	No data
AASTY 6-50	No data	AASTY 11-50	No data
AASTY 6- 55	No data	AASTY 11- 55	No data
SMALP 502-E	No data	SMALP 140-I	No data
SMALP 300	No data	SMALP 200	No data
SMALP 140	No data	DDM	No data
DM	No data	LMNG	No data
Fos-12	No data	Digitonin-A	No data
RIPA	No data		

Data from experiment(s): Hek293 membrane pellets 1 %

DIBMA 10	No data	DIBMA 12	No data
DIBMA Glycerol	No data	DIBMA Glucosamine	No data
Amphipol 17	No data	Amphipol 18	No data
AASTY 6-45	No data	AASTY 11-45	No data
AASTY 6-50	No data	AASTY 11-50	No data
AASTY 6- 55	No data	AASTY 11- 55	No data
SMALP 502-E	No data	SMALP 140-I	No data
SMALP 300	No data	SMALP 200	No data
SMALP 140	No data	DDM	No data
DM	No data	LMNG	No data
Fos-12	No data	Digitonin-A	No data
RIPA	No data		

Involvement in disease:

-

Binding site:

-

Tissue specificity:

-

3D (X-ray crystallography):

-

Pharmaceutical use:

-

AS sequence:

MMARRPPWRGLGGRSTPILLLLLLSLFPLSQEELGGGGHQGWDPGLAATTGPRAHIGGGALALCPESGVRDGGPGLGVREPI
 FVGLRGRRQSARNRGPPEQPNEELGIEHGQVPLGSRERETGQPGSVLYWRPEVSSCGRTGQLRQGLSPGALSSGVPGSGN
 SSPLPSDFLIRHHGPKPVSSQRNAGTGSRKRVGTARCCGELWATGSKGQGERATTSGAERTAPRRNCLPGASGSGPELDSAPR
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 TMVAVTVADRNDHSPVFEQAQYRETLRENVEEGYPILQLRATDGDAPPNANLRYRFVGGPPAARAAAAAAFEIDPRSGLISTSGR
 VDREHMESYELVVEASDQGQEPGRSATVRVHITVLDENDNAPQFSEKRYVAQVREDVRPHTVVLRVVTATDRDKDANGLVHY
 NIISGNSRGHF AIDSLTGEIQVVAPLDFEAEREYALRIRAQDAGRPPLSNNTGLASIQVVDINDHIPIFVSTPFQVSVLENAPLGHVS
 IHQAVDADHGENARLEYSLTGVAPDTPFVINSATGWVSVSGPLDRESVEHYFFGVEARDHGSPPLSASASVTVTVLDVNDNRP

EFTMKEYHLRLNEDAAVGTSSVSVTAVDRDANS AISYQITGGNTRNRFAISTQGGVGLVTLALPLDYKQERYFKLVLTASDRALH
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ARSFPPSSFVMFRGLRQRFHLLSLSFATVQQSGLLFYNGRLNEKHDFLALELVAGQVRLTYSTGESNTVVSPTVPGGLSDGQW
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WHDRLRELEQEEPGRRGHVLMVSLDFSLFQDTMAVGSELQGLKVKQLHVGGGLPPGSAEEAPQGLVGCIQGVWL GSTPSGSP
ALLPPSHRVNAEPGCVVTNACASGPCPPHADCRDLWQTFCTCQPGYYPGCVDA CLLNPCQNQGSCRHLPGAPHGYTDCDV
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HARCRCSTGTGFGVLM DASPRERLEGDLELLAVFTHVVAVSVAALVLTAAILLSLRSLKSNVRGIHANVAAALGVAELLFLLGIH
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SSTPLGPHTTATPSATASVLGPSTPRSATSHSISELSPDSEVPRSEGH

Creditnotes:

The protein visualizations are generated with the help of Protter:

Omasits, U., Ahrens, C.H., Moller, S., Wollscheid, B. "Protter: interactive protein feature visualization and integration with experimental proteomic data". *Bioinformatics*. 2014 Mar 15; **30**(6):884-6. doi: 10.1093/bioinformatics/btt607.

IP and extinction coefficients are gathered from Protparam by ExPASy:

Gasteiger, E., Hoogland, C., Gattiker, A., Duvaud, S., Wilkins, M.R., Appel, R.D., Bairoch, A. "Protein Identification and Analysis Tools on the ExPASy Server". (In) *John M. Walker (ed): The Proteomics Protocols Handbook*, Humana Press (2005). pp. 571-607

The basic knowledge is found on UniProt:

The UniProt Consortium. "UniProt: the universal protein knowledgebase in 2021". *Nucleic Acids Res.* **49**:D1 (2021)
