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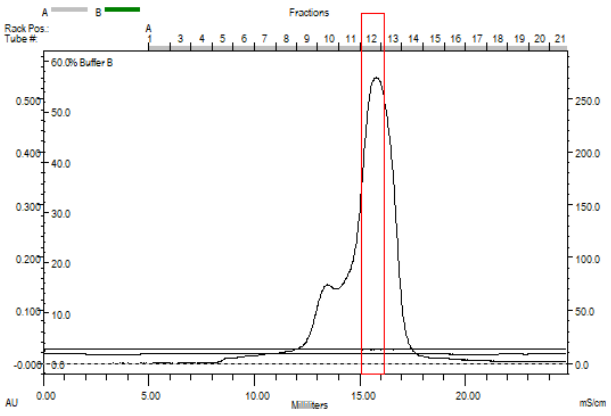
CERTIFICATE OF ANALYSIS

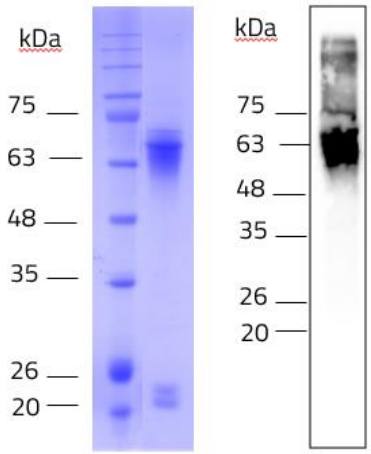
Product Name	Solute Carrier Family 17 (Vesicular Glutamate Transporter), Member 6 (SLC17A6) (AA 1-582) protein (rho-1D4 tag)
Product Number	28501 28501
Expression host	Insect cells
Nature	MESVKQRILA PGKEGLKNFA GKSLGQIYRV LEKKQDTGET IELTEDGKPL EVPERKAPLC DCTCFGLPRR YIIAIMSGLG FCISFGIRCN LGVAIVDMVN NSTIHRGGKV IKEKAKFNWD PETVGMIHGS FFWGYIITQI PGGYIASRLA ANRVFGAAIL LTSTLNMLIP SAARVHYGCV IFVRILQGLV EGVTYPACHG IWSKWAPPLE RSRLATTSFC GSYAGAVIAM PLAGILVQYT GWSSVFYVYG SFGMVWYMFW LLVSYESPAK HPTITDEERR YIEESIGESA NLLGAMEKFK TPWRKFFTSM PVYAIIVANF CRSWTFYLLL ISQPAYFEEV FGFEISKVGM LSAVPHLVMT IIVPIGGQIA DFLRSKQILS TTTVRKIMNC GGFGMEATLL LVVGYSHTRG VAISFLVLAV GFSGFAISGF NVNHLDIAPR YASILMGISN GVGTLSGMVC PIIVGAMTKN KSREEWQYVF LIAALVHYGG VIFYAIFASG EKQPWADPEE TSEEKCGFIH EDELDEETGD ITQNYINYGT TKSYGATTQA NGGWPSGWEK KEEFVQGEVQ DSHSYKDRVD YS
Form	in solution (20 mM Hepes, 100 mM NaCl, 0,05% DDM, 5% Glycerol pH 7.2)
Label	C-terminal Rho1D4-tag
Quantity	10 µg / 50 µg
Concentration	*Lot specific*
Purification	The protein is purified from the cleared cell lysate using Rho-tag capture materials. Eluate fractions are analyzed by SDS-PAGE. Protein containing fractions are subjected to a second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity	>95 % as determined by SDS-PAGE, Size Exclusion Chromatography and Western Blot
Sterility	0.22µm filtered
Handling Advice	Avoid repeated freeze-thaw cycles
Storage	Store -80°C

TESTING RESULTS

Method	SEC SDS-PAGE Western blot
Acceptance criteria	Purity >95% Band of expected MW
Data	



Solute Carrier Family 17 (Vesicular Glutamate Transporter; SLC17A6) (AA 1 - 582), gel filtration Sephadex 200 fraction 12; anti Rho1D4 western blot



Solute Carrier Family 17 (Vesicular Glutamate Transporter; SLC17A6) (AA 1 - 582), fraction 12; anti Rho1D4 western blot

Disclaimer: Our products are intended for molecular biology applications. These products are not intended for the diagnosis, prevention, or treatment of a disease.