Recombinant Human UNC5A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UNC5A-3632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UNC5A MS Standard C13 and N15-labeled recombinant protein (NP_588610) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	UNC5A belongs to a family of netrin-1 receptors thought to mediate the chemorepulsive effect of netrin-1 on specific axons. For more information on UNC5 proteins.
Molecular Mass	92.8 kDa
AA Sequence	MAVRPGLWPALLGIVLAAWLRGSGAQQSATVANPVPGANPDLLPHFLVEPEDVYIV KNKPVLLVCKAVPATQIFFKCNGEWVRQVDHVIERSTDGSSGLPTMEVRINVSRQQ VEKVFGLEEYWCQCVAWSSSGTTKSQKAYIRIAYLRKNFEQEPLAKEVSLEQGIVLP CRPPEGIPPAEVEWLRNEDLVDPSLDPNVYITREHSLVVRQARLADTANYTCVAKNI VARRRSASAAVIVYVDGSWSPWSKWSACGLDCTHWRSRECSDPAPRNGGEECQ GTDLDTRNCTSDLCVHTASGPEDVALYVGLIAVAVCLVLLLLVLILVYCRKKEGLDSD VADSSILTSGFQPVSIKPSKADNPHLLTIQPDLSTTTTTYQGSLCPRQDGPSPKFQLT NGHLLSPLGGGRHTLHHSSPTSEAEEFVSRLSTQNYFRSLPRGTSNMTYGTFNFLG GRLMIPNTGISLLIPPDAIPRGKIYEIYLTLHKPEDVRLPLAGCQTLLSPIVSCGPPGVLL TRPVILAMDHCGEPSPDSWSLRLKKQSCEGSWEDVLHLGEEAPSHLYYCQLEASA

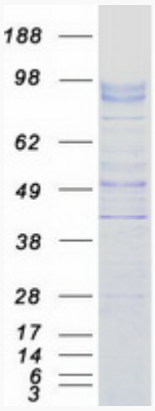
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	CYVFTEQLGRFALVGEALSVAAAKRLKLLLFAPVACTSLEYNIRVYCLHDTHDALKEV VQLEKQLGGQLIQEPRVLHFKDSYHNLRLSIHDVPSSLWKSKLLVSYQEIPFYHIWNG TQRYLHCTFTLERVSPSTSDLACKLWVWQVEGDGQSFSINFNITKDTRFAELLALES EAGVPALVGPSAFKIPFLIRQKIISSLDPPCRRGADWRTLAQKLHLDSHLSFFASKPS PTAMILNLWEARHFPNGNLSQLAAAVAGLGQPDAGLFTVSEAECTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	UNC5A unc-5 netrin receptor A [Homo sapiens (human)]
Official Symbol	UNC5A
Synonyms	UNC5A; unc-5 homolog A (C. elegans); unc5 (C.elegans homolog) a; netrin receptor UNC5A; KIAA1976; UNC5H1; unc-5 homolog 1; netrin receptor Unc5h1; protein unc-5 homolog 1; protein unc-5 homolog A; FLJ16449;
Gene ID	90249
mRNA Refseq	NM_133369

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Protein Refseq	NP_588610
MIM	607869
UniProt ID	Q6ZN44
SDS-PAGE	

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