

Product datasheet for TP523732

Unc5a (NM_153131) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse unc-5 netrin receptor A (Unc5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223732 representing NM_153131 Red=Cloning site Green=Tags(s)
	<p>MAVRPGLWPALLGIVLTAWLRGSGAQQSATVANPVPGANPDLLPHFLVEPEDVYIVKKNKPVLLVCKAVPA TQIFFKCNGEWVRQVDHVIERSTDGSSGLPTMEVRINVSRRQVEKVFGLLEEWCVAVSSSGTTKSQKA YIRIAYLRKNFEQEPLAKEVSLEQGIVLPCRPEGIPPAEVEWLRNEDLVDPSPDPNVYITREHSLVVRQ ARLADTANYTCVAKNIVARRRSASAAVIVYVNGGWSTWTEWSVCSASCGRGWQKRSRSCNPNAPLNGGAF CEGQNVQKTACATLCPVDGWSWSPWSKWSACGLDCTHWRSRECSDPAPRNGGEECRGADLDTRNCTSDLCL HTSSGPEDVALYIGLVAVAVCLLLLLLVLIYCRKKEGLSDVADSSILTSQGFQVSIKPSKADNPHELL TIQPDLSSTTTTTYQGSCLPRQDGPSPKFQLSNHLLSPLGSGRHTLHHSSPTSEAEDFVSRSLSTQNYFRS LPRGTSNMAYGTFFNLGGRLMIPNTGISLLIPDAIPRGKIYEIYLTLLHKPEDVRLPLAGCQTLSPVIVS CGPPGVLLTRPVILAMDHCGEPSPDSWSLRLKKQSCGSEWEDVLHLGEESPSHLYYCQLEAGACYVFTEQ LGRFALVGEALSVAATKRLRLLLFPVACTSLEYNIRVYCLHDTHDALKEVVQLEKQLGGQLIQEPRVLH FKDSYHNLRLSIHDVPSLWKSLLVSYQEIPFYHIWNGTQQYLHCTFTLERNASTSDLACKVWWVWQVE GDGQSFNINFNITKDTRFAEMLALESEGGVPALVGPFAFKIPFLIRQKIITSLDPPCSRGDWRTLAQKL HLDSHLSFFASKPSPTAMILNLWEARHFPNGNLGQLAAAVAGLGQPDAGLFTVSEAE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	99.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



[View online »](#)

Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_694771</u>
Locus ID:	107448
UniProt ID:	<u>Q8K1S4</u>
RefSeq Size:	3974
Cytogenetics:	13 B1
RefSeq ORF:	2694
Synonyms:	mKIAA1976; Unc5h1
Summary:	Receptor for netrin required for axon guidance. Functions in the netrin signaling pathway and promotes neurite outgrowth in response to NTN1. Mediates axon repulsion of neuronal growth cones in the developing nervous system in response to netrin. Axon repulsion in growth cones may be mediated by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand.[UniProtKB/Swiss-Prot Function]