

Product datasheet for TP518273

Gja8 (NM_008123) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse gap junction protein, alpha 8 (Gja8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218273 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGDWSFLGNILEEVNEHSTVIGRWLTVLFI FRILILGTAAEFVWGDEQSDFCNTQQPGCENVCYDEAF PISHIRLWVLQIIFVSTPSLMYVGHAVHHVRMEEKRKDREAELCQQRSNGGERVPIAPDQASIRKSSS SSKGTKKFRLEGTLRLTYVCHIIFKTLFEVGFVGHYFLYGFRLPLYRCSRWPVPCNVVDCFVSRPTEK IFILFMLSVAFVSLFLNIMEMSHLGMKGI RSAFKRPVEQPLGEIAEKSLHSIAVSSIQKAKGYQLLEEK IVSHYFPLTEVGMVETSPLSAKPFSQFEEKIGTGPLADMSRSYQETLPSYAQVGVQEVEREPPIEEAVE PEVGEKKQEA EKVAPEGQETVAVPDRERVETPGVGKEDKEELQAEKVTKQGLSAEKAPSLCP ELTTDDN RPLSRLSKASSRARSDDLTI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	49.6 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.
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:	NP_032149
Locus ID:	14616



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UniProt ID:	<u>P28236</u>
RefSeq Size:	6989
Cytogenetics:	3
RefSeq ORF:	1320
Synonyms:	Aey5; Cnx50; Cx50; Lop10
Summary:	Structural component of eye lens gap junctions (PubMed:1325220). Gap junctions are dodecameric channels that connect the cytoplasm of adjoining cells. They are formed by the docking of two hexameric hemichannels, one from each cell membrane (By similarity). Small molecules and ions diffuse from one cell to a neighboring cell via the central pore (PubMed:1325220).[UniProtKB/Swiss-Prot Function]