

## Product datasheet for TP523098

### Itga8 (NM\_001001309) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin alpha 8 (Itga8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223098 representing NM_001001309 Red=Cloning site Green=Tags(s)

MSAGTHCGPPGNRAPPFARLCCVSAALGMLWSPACLAFLNLDVDKLTVYSGPEGSYFGYSLDFYIPDARTA  
SVLVGAPKANTSQPDIVEGGAVYYCPWPSERSAQCKQIPFDTTNNRKIRVNGTKEPIEFKSNQWFGATVR  
AHKGVVACAPLYHWRTLKPNPAKDPVGTGYVAIQNFSAYAEHSPCRNSNADPEGQGYCQAGFSLDFYKN  
GDLIVGGPGSFYWQGVITVSIADIIANYSFKDILRKLAAEKQTDVAPASYDDSYLGYVAAGEFTGDSQ  
QELVAGIPRGAQNFYVSIINSTDMTFIQNFTGEQMASYFGYTVVSDVNNDGMDDILVGAPLFMEREF  
SNPREVGQVYLYLQASALLFQDPQVLTGTETFGFRGSSVAHLGDLNQGYNDAIGVPPFAGKDQRGKVL  
YNGNPRGLHSPKPSQVLQGIWGSQTIPSGFGFSLRGDADIDKNDYDPLLVGAFGKGVAVYRARPVTVDA  
QLLLHPMIINLENKTCQIPEFPTPVACFSVRVCASIAGQSSINTIALLAEVQLDFLKQKGAIKRTLFLHN  
HQSHFTFPFVMKQKSLHCQDFMVYLRDETEFRDKLSPINISLNYSLDDSTFKDSLEVKPILNHYRDNV  
TEQAHILVDCGEDNLCVPDLKLSARPDKHQIIIGDENHMLLIINARNEGEGAYEAELFVIIPEEADYVGI  
ERNNKGLRPLSCEYKMENVTRMVVCDLGNPMVTGTNFSGLRFAVPRLEKTNMSINFDLQIRSSNKDNP  
SNFERVQINITAIQVEIRGVSHPPQIVLPIHNWEPEKPKHEEEVGPLVEHIYELHNIGPSTISDSILD  
VGWPFARDEFLLYIFHLQTLGPLQCQTNPENPQDIKPAASPEDTPELSAFLRNATIPHLVRKRDPVW  
QLHRQSPARILNCTNIDCLQISCAVGRLGGGESAVLKVRSRLWAHTFLKRKNDHYALASLVSEVKKMPY  
KEQPAKLPAAGSTAVKTSVIWATPNVFSIPLWVILAILLGLLVAILTLALWKCGFFDRARPPQDEMTD  
REQLTSDKTPEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	118 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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001001309</a>
<b>Locus ID:</b>	241226
<b>UniProt ID:</b>	<a href="#">A2ARA8</a>
<b>RefSeq Size:</b>	5782
<b>Cytogenetics:</b>	2 9.12 cM
<b>RefSeq ORF:</b>	3186
<b>Synonyms:</b>	AI447669
<b>Summary:</b>	This gene encodes a member of the integrin family of cell surface proteins that mediate cellular interactions with the extracellular matrix and other cells. The encoded protein undergoes proteolytic processing to generate the disulfide-linked heterodimeric alpha subunit which, in turn associates with a beta subunit to form the functional integrin receptor. Mice lacking the encoded protein mostly die after birth due to kidney defects, but some of animals that survive exhibit defects in the sensory hair cells of the inner ear. [provided by RefSeq, Aug 2016]