

Product datasheet for TP503562

Itm2c (NM_022417) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integral membrane protein 2C (Itm2c), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203562 protein sequence Red =Cloning site Green =Tags(s) MVKISFQPAVAGIKADKADKAAASGPASASAPAAEILLTPAREERPPRHRSRKGGSVGGVCYLSMGMVVL LMGLVFASVYIYRYFFLAQLARDNFFHCGVLYEDSLSSQIRTRLEEDVKIYLEENYERINVPVPQFGG GDPADIIHDFQRGLTAYHDISLDKCYIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMVTEHV RDKEALGSFIYHLCNGKDTYRLRRRSTRRRRINKRGAKNCNAIRHFENTFVVETLICGVV TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	30.5 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_071862
Locus ID:	64294
UniProt ID:	Q91VK4
RefSeq Size:	2024


[View online »](#)

Cytogenetics:	1 C5
RefSeq ORF:	807
Synonyms:	3110038L02Rik; BRI3; Bricd2c; E25; E25C; ITM3
Summary:	<p>Negative regulator of amyloid-beta peptide production. May inhibit the processing of APP by blocking its access to alpha- and beta-secretase. Binding to the beta-secretase-cleaved APP C-terminal fragment is negligible, suggesting that ITM2C is a poor gamma-secretase cleavage inhibitor. May play a role in TNF-induced cell death and neuronal differentiation.</p> <p>[UniProtKB/Swiss-Prot Function]</p>