

Recombinant Mouse ITM2B Protein, His-tagged

Cat. No. ITM2B-65M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ITM2B Protein, fused to His-tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
Description	Enables ATP binding activity. Acts upstream of or within extrinsic apoptotic signaling pathway in absence of ligand. Predicted to be located in Golgi-associated vesicle membrane and extracellular space. Predicted to be integral component of organelle membrane. Predicted to be active in Golgi apparatus and plasma membrane. Is expressed in central nervous system; pancreas epithelium; and retina. Used to study cerebral amyloid angiopathy. Human ortholog(s) of this gene implicated in ITM2B-related cerebral amyloid angiopathy 1 and ITM2B-related cerebral amyloid angiopathy 2. Orthologous to human ITM2B (integral membrane protein 2B).
Form	Supplied as a 0.2 µm filtered solution in PBS , pH7.4.
Molecular Mass	~24.9 kDa
AA Sequence	MHSSALLCCLVLLTGVRAYKYFALQPDDVYYCGLKYIKDDVILNEPSADAPAARYQTI EENIKIFEEDAVEFISVPVPEFADSDPANIVHDFNKKLTAYLDNLNLDKCYVIPLNTSIVM PPKNLLELLINIKAGTYLPQSYLIHEHMITDRIENVNLDGFFIYRLCHDKETYKLQRRE TIRGIQKREASNCFTIRHFENKFAVETLICSHHHHHH
Purity	>90%

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Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration

0.1 mg/mL

GENE INFORMATION**Gene Name**

Itm2b integral membrane protein 2B [Mus musculus (house mouse)]

Official Symbol

ITM2B

Synonyms

Bri; Bri2; E25BMM; imBRI2; Bricd2b; D14Sel6; AI256040

Gene ID

16432

mRNA Refseq

NM_008410

Protein Refseq

NP_032436

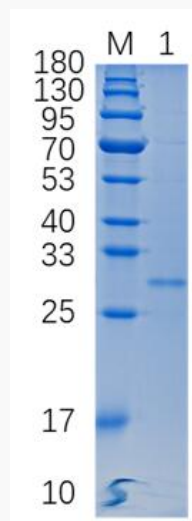
UniProt ID

O89051

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SDS-PAGE

12% reducing SDS-PAGE analysis of purified ITM2B (approximately 1 mg protein loaded).

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