Datasheet for ABIN7318631

ITM2B Protein (His tag)

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Overview

Quantity:	50 µg
Target:	ITM2B
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITM2B protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ITM2B Protein (His Tag)
Sequence:	Tyr76-Ser266
Characteristics:	Recombinant Human Integral Membrane Protein 2B is produced by our Mammalian expression system and the target gene encoding Tyr76-Ser266 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ITM2B
Alternative Name:	ITM2B (ITM2B Products)
Background:	Background: Integral Membrane Protein 2B (ITM2B) is expressed in the Golgi and on the cell surface. ITM2B forms homodimer through disulfide-linked interaction with SPPL2A, SPPL2B

Target Details

	and APP. ITM2B is expressed in brain and the other tissues. Defects in ITM2B cause cerebral amyloid angiopathy ITM2B-related type 1(CAA-ITM2B1) and amyloid angiopathy ITM2B-related type 2(CAA-ITM2B2). CAA-ITM2B1 is characterized by amyloid deposition in the walls of cerebral blood vessels and neurodegeneration in the central nervous system. CAA-ITM2B2 characterized by amyloid deposition in the walls of the blood vessels of the cerebrum, choroid plexus, cerebellum, spinal cord and retina. Synonym: Integral Membrane Protein 2B, Immature BRI2, imBRI2, Protein E25B, Transmembrane Protein BRI, Bri, ITM2B, BRI, BRI2
Molecular Weight:	23.3 kDa
UniProt:	Q9Y287

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.