

**Recombinant Human Integral Membrane Protein 2B/ITM2B/imBRI2 Protein(C-6His)**

**Cat.NO.: TP04571**

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3th Edition

**Synonyms:**Integral Membrane Protein 2B; Immature BRI2; imBRI2; Protein E25B; Transmembrane Protein BRI; Bri; ITM2B; BRI; BRI2

**Description:**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 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.

**Form:**PBS

**Molecular Weight:**23.3 kDa

**Sequences:**Tyr76-Ser266

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.