

Recombinant Full Length Human TMEM231 Protein, GST-tagged

Cat. No. TMEM231-4923HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ22167 full-length ORF (NP_001070886.1, 1 a.a. - 316 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	316 amino acids
Description	This gene encodes a transmembrane protein, which is a component of the B9 complex involved in the formation of the diffusion barrier between the cilia and plasma membrane. Mutations in this gene cause Joubert syndrome (JBTS). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2013]
Molecular Mass	62.5 kDa
AA Sequence	<p>MALYELFSHPVERSYRAGLCSKAALFLLAAALTYIPPLLVAFRSHGFWLKRSSYEEQ</p> <p>PTVRFQHQVLLVALLGPESDGFLAWSTFPAFNRLQGDLRVPLVSTREEDRNQDGK</p> <p>TDMLHFKLELPLQSTEHLVGVQLILTFSYRLHRMATLVMQSM AFLQSSFPVPGSQLY</p> <p>VNGDLRLQQKQPLSCGGLDARYNISVINGTSPFAYDYDLTHIVAAYQERNVTTVLND</p> <p>PNPIWLVGRAADAPFVINAIIRYPVEVISYQPGFWEMVKFAWVQYVSILLIFLWVFERI</p> <p>KIFVFQNQVVTTIPVTVTPRGDLCKEHL</p>

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	TMEM231 transmembrane protein 231 [Homo sapiens (human)]
Official Symbol	TMEM231
Synonyms	TMEM231; transmembrane protein 231; MKS11; JBTS20; ALYE870; PRO1886; transmembrane protein 231
Gene ID	79583
mRNA Refseq	NM_001077416
Protein Refseq	NP_001070884
MIM	614949
UniProt ID	Q9H6L2

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