

Recombinant Human POMK Protein, GST-tagged

Cat. No. POMK-4285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ23356 full-length ORF (NP_115613.1, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that may be involved in the presentation of the laminin-binding O-linked carbohydrate chain of alpha-dystroglycan (α-DG), which forms transmembrane linkages between the extracellular matrix and the exoskeleton. Some pathogens use this O-linked carbohydrate unit for host entry. Loss of function compound heterozygous mutations in this gene were found in a human patient affected by the Walker-Warburg syndrome (WWS) phenotype. Mice lacking this gene contain misplaced neurons (heterotopia) in some regions of the brain, possibly from defects in neuronal migration. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2013]
Molecular Mass	66.4 kDa
AA Sequence	MEKQPQNSRRGLAPREVPPAVGLLLIMALMNTLLYLCLDHFFIAPRQSTVDPTHCPY GHFRIGQMKNCSPWLSCEELRTEVRQLKRVGEGAVKRVFLSEWKEHKVALSQLTSL EMKDDFLHGLQMLKSLQGTHVVTLGTYCEDDNTMLTEYHPLGSLSNLEETLNLSKY QNVNTWQHRLELAMDYVSIINYLHHSPVGTVMCDSDNLPKTLTSQYLLTSNFSILAN DLDALPLVNHSSGMLVKCGHRELHGDFVAPEQLWPYGEDVPFHDDLMPYDEKIDI

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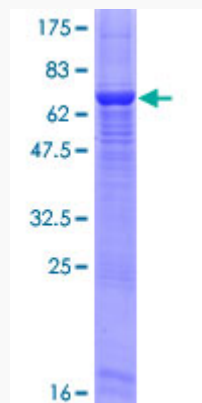
	WKIPDISSFLLGHIEGSDMVRFHFLFDIHKACKSQTPSERPTAQDVLETYQKVLDTLRD AMMSQAREML
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot 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	POMK protein-O-mannose kinase [Homo sapiens (human)]
Official Symbol	POMK
Synonyms	POMK
Gene ID	84197
mRNA Refseq	NM_032237
Protein Refseq	NP_115613
MIM	615247

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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