

Recombinant Full Length Human FGGY Protein, GST-tagged

Cat. No. FGGY-4849HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ10986 full-length ORF (NP_060761.2, 1 a.a. - 439 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	439 amino acids
Description	This gene encodes a protein that phosphorylates carbohydrates such as ribulose, ribitol, and L-arabinitol. Genome-wide association studies in some populations have found an association between polymorphisms in this gene and sporadic amyotrophic lateral sclerosis, but studies of other populations have not been able to replicate this association. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
Molecular Mass	74.1 kDa
AA Sequence	MWLDHRAVSQVNRINETKHSVLQYVGGVMSVEMQAPKLLWLKENLREICWDKAGH FFDLPDFLSWKATGVTARSLCSLVCKWTYSAEKGWDDSFWKMIGLEDFVADNYSKI GNQVLPPGASLGNGLTPEAARDLGLLPGLIAVAASLIDAHAGGLGVIGADVRGHGLIC EGQPVTSRLAVICGTSSCHMGISKDPIFVPGVWGPYFSAMVPGFWLNEGGQSVTG KLIDHMOVQGHAAFPQLQVKATARCQSIYAYLNSHLDLIKKAQPVGFLTVDLHVWPDF HGNRSPLADLTCLKGMVTGLKLSQDLDDLAILYLATVQAIALGTRFIIIEAMEAAGHSIST LFLCGGLSKNPLFVQMHADITGMPVVLSQEVEVSLVGA AVL GACASGDFASVQEAM

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	AKMSKVGKVVFPRLQDKKYYDKKYQVFLKLVEHQKEYLAIMNDD
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	FGGY FGGY carbohydrate kinase domain containing [Homo sapiens]
Official Symbol	FGGY
Synonyms	FGGY; FGGY carbohydrate kinase domain containing; FGGY carbohydrate kinase domain-containing protein; FLJ10986; RP11-242B9.1;
Gene ID	55277
mRNA Refseq	NM_001113411
Protein Refseq	NP_001106882
MIM	611370
UniProt ID	Q96C11

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