Recombinant Full Length Human FYCO1 Protein, GST-tagged

Cat. No. FYCO1-5283HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FYCO1 full-length ORF (AAH07218, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	255 amino acids
Description	This gene encodes a protein that contains a RUN domain, FYVE-type zinc finger dom ain and Golgi dynamics (GOLD) domain. The encoded protein plays a role in microtu bule plus end-directed transport of autophagic vesicles through interactions with the s mall GTPase Rab7, phosphatidylinositol-3-phosphate (PI3P) and the autophagosome marker LC3. Mutations in this gene are a cause of autosomal recessive congenital cat aract-2 (CATC2). [provided by RefSeq, Dec 2011]
Molecular Mass	53.79 kDa
AA Sequence	MNTKVTSDWYYARSPFLQPKLSSDIVGQLYELTEVQFDLASRGFDLDAAWPTFARR TLTTGSSAYLWKPPSRSSSMSSLVSSYLQTQEMVSNFDLNSPLNNEALEGFDEMRL ELDQLEVREKQLQERMQQLDRENQELRAAVSQQGEQLQTERERGRTAAEDNVRLT CLVAELQKQWEVTQATQNTVKELQTCLQALELGAAEKEEDYHTALRRLESMLQPLA QELEATRDSLDKKNQHLASFPGWLAMALHVGD
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	FYCO1 FYVE and coiled-coil domain containing 1 [Homo sapiens]
Official Symbol	FYCO1
Synonyms	FYCO1; FYVE and coiled-coil domain containing 1; FYVE and coiled-coil domain-containing protein 1; FLJ13335; ZFYVE7; RUN and FYVE domain containing 3; zinc finger FYVE domain-containing protein 7; CATC2; RUFY3; MGC126517; MGC126519; DKFZp779K1152;
Gene ID	79443
mRNA Refseq	NM_024513
Protein Refseq	NP_078789
MIM	607182
UniProt ID	Q9BQS8

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