

Recombinant Human IST1 Protein, GST-tagged

Cat. No. IST1-5009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IST1 full-length ORF (1 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein with MIT-interacting motifs that interacts with components of endosomal sorting complexes required for transport (ESCRT). ESCRT functions in vesicle budding, such as that which occurs during membrane abscission in cytokinesis. There is a pseudogene for this gene on chromosome 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2012]
Molecular Mass	66.4 kDa
AA Sequence	MLGSGFKAERLRVNLRLVINRLKLEKKKTELAQKARKEIADYLAAGKDERARIRVEHI IREDYLV EAMEILELYCDLLARFGLIQSMKELDSGLAESVSTLIWAAPRLQSEVAELK IVADQLCAKYSKEYGKLCRTNQIGTVNDRMLMHKLSVEAPPKILVERYLIEIAKNYNVPY EPDSVVM AEAPPGVETDLIDVGFTDDVKKGGPGRGGSGGFTAPVGGPDGTVPM P MPMPMPMP SANTPFSYPLPKGPSDFNGLPMGTYQAFPNIHPPQIPATPPSYESVDD INADKNISSAQIVGPGPKPEASAKLPSRPADNYDNFVLPELPSVPDTLPTVSAGASTS ASEDIDFDDLSRRFEELKKKT
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	IST1 increased sodium tolerance 1 homolog (yeast) [Homo sapiens]
Official Symbol	IST1
Synonyms	IST1; increased sodium tolerance 1 homolog (yeast); KIAA0174; IST1 homolog; hIST1; increased sodium tolerance-1; putative MAPK-activating protein PM28; MGC117220;
Gene ID	9798
mRNA Refseq	NM_014761
Protein Refseq	NP_055576
UniProt ID	P53990

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