

## Recombinant Human IST1 Protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human IST1 full-length ORF (1 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	66.4 kDa
<b>AA Sequence</b>	MLGSGFKAERLRVNLRLVINRLKLEKKKTELAQKARKEIADYLAAGKDERARIRVEHI IREDYLVEAMEILELYCDLLARFGLIQSMKELDSGLAESVSTLIWAAPRLQSEVAELK IVADQLCAKYSKEYGKLCRTNQIGTVNDRMLMHKLSVEAPPKILVERYLIEIAKNYNVPY EPDSVMAEAPPGVETDLIDVGFTDDVKKGGPGRGGSGGFTAPVGGPDGTVPMP MPMPMPMSANTPFSYPLPKGPSDFNGLPMGTYQAFPNIHPPQIPATPPSYESVDD INADKNISSAQIVGPGPKPEASAKLPSRPADNYDNFVLPPELPSVPTLPTVSAGASTS ASEDIDFDDLSRRFEELKKKT
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	IST1 increased sodium tolerance 1 homolog (yeast) [ Homo sapiens ]
<b>Official Symbol</b>	IST1
<b>Synonyms</b>	IST1; increased sodium tolerance 1 homolog (yeast); KIAA0174; IST1 homolog; hIST1; increased sodium tolerance-1; putative MAPK-activating protein PM28; MGC117220;
<b>Gene ID</b>	9798
<b>mRNA Refseq</b>	NM_014761
<b>Protein Refseq</b>	NP_055576
<b>UniProt ID</b>	P53990

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