

## Recombinant Human IST1, GST-tagged

Cat. No. IST1-13789H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IST1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-364a.a.
<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.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** IST1 increased sodium tolerance 1 homolog (yeast) [ Homo sapiens ]

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<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
<b>Chromosome Location</b>	16q22.2
<b>Function</b>	protein binding;

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