

## Recombinant Human IST1 protein, His-tagged

Cat. No. IST1-62H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IST1, fused with N-His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	350aa(including fusion tag)
<b>Description</b>	Proposed to be involved in specific functions of the ESCRT machinery. Is required for efficient abscission during cytokinesis, but not for HIV-1 budding. The involvement in the MVB pathway is not established. Involved in recruiting VPS4A and/or VPS4B to the midbody of dividing cells.
<b>Form</b>	20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH9.0.
<b>Molecular Mass</b>	38.5kDa(including fusion tag)
<b>Applications</b>	WB, ELISA, IP, antibody production, protein array
<b>Storage</b>	Store at -80°C and avoid repeated freeze-thaw cycles

### GENE INFORMATION

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

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