

Recombinant Human IST1, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IST1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-364a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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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
Chromosome Location	16q22.2
Function	protein binding;

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