

Recombinant Human LYST Protein, GST-tagged

Cat. No. LYST-4534H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human LYST partial ORF (NP_000072.2, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is thought to encode a protein that regulates intracellular protein trafficking to and from the lysosome. Mutations in this gene are associated with Chediak-Higashi syndrome, a rare lysosomal storage disorder. Alternatively spliced transcript variants have been described but their full-length nature has not been determined. [provided by RefSeq]
Molecular Mass	36.74 kDa
AA Sequence	MSTDNSNLAREFLTDVNRLCNAVVRVEAREEEEEETHMATLGQYLVHGRGFLLLT KLNSIIDQALTCREELLTLLLSLLPLVWKIPVQEEKATDFNLPL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [LYST lysosomal trafficking regulator \[Homo sapiens \]](#)

Official Symbol [LYST](#)

Synonyms LYST; lysosomal trafficking regulator; Chediak Higashi syndrome 1 , CHS1; lysosomal-trafficking regulator; CHS; beige homolog; beige protein; Chediak-Higashi syndrome 1; CHS1;

Gene ID [1130](#)

mRNA Refseq [NM_000081](#)

Protein Refseq [NP_000072](#)

MIM [606897](#)

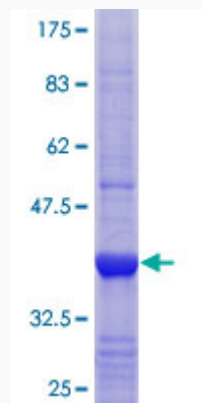
UniProt ID [Q99698](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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