

Recombinant Human LSP1 Protein, His-tagged

Cat. No. LSP1-585H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human LSP1 (AAH01785.1) (Met1-Pro339) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-339 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human LSP1 consists 350 amino acids and predicts a molecular mass of 38.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [LSP1 lymphocyte-specific protein 1 \[Homo sapiens \]](#)

Official Symbol [LSP1](#)

Synonyms LSP1; lymphocyte-specific protein 1; WP34; 52 kDa phosphoprotein; 47 kDa actin binding protein; 47 kDa actin-binding protein; leukocyte-specific protein 1; lymphocyte-specific antigen WP34; leufactin (leukocyte F-actin binding protein); F-actin binding and cytoskeleton associated protein; pp52;

Gene ID [4046](#)

mRNA Refseq [NM_001013253](#)

Protein Refseq [NP_001013271](#)

MIM [153432](#)

UniProt ID [P33241](#)

Chromosome Location 11p15.5

Pathway Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem; p38 signaling mediated by MAPKAP kinases, organism-specific biosystem;

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