

Active Recombinant Mouse Ulbp1 Protein, His-tagged

Cat. No. Ulbp1-769M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ulbp1 (Accession # NP_084251) Pro26-Thr211, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Pro26-Thr211
Predicted N Terminal	Pro26
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse NKG2D Fc Chimera at 2 µg/mL (100 µl/well) can bind Recombinant Mouse ULBP-1/MULT-1 with a linear range of 1-50 ng/mL.
Molecular Mass	Recombinant Mouse Ulbp1, His-tagged has a calculated MW of 22 kDa (monomer). In SDS-PAGE migrates as 34-40 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 100 g/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name Ulbp1 UL16 binding protein 1 [*Mus musculus*]

Official Symbol Ulbp1

Synonyms ULBP1; UL16 binding protein 1; NKG2D ligand 1; UL16-binding protein-like transcript 1; MULT1; A430108B07Rik;

Gene ID [77777](#)

mRNA Refseq [NM_029975](#)

Protein Refseq [NP_084251](#)

MIM

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