

Recombinant Human MOV10 protein, GST-tagged

Cat. No. MOV10-946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MOV10 protein(869-1003 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	869-1003 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	QGQERSVILISTVRSSQSFVQLDLDFNLGFLKNPKRFNVAVTRAKALLIIVGNPLLLGH DPDWKVFLEFCKENGGYTGCPFPAKLDLQQGQNLLQGLSKLSPSTSGPHSHDYLP QERE GEGGLSLQVEPEWRNEL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name MOV10 Mov10, Moloney leukemia virus 10, homolog (mouse) [Homo sapiens]

Official Symbol MOV10

Synonyms

MOV10; Mov10, Moloney leukemia virus 10, homolog (mouse); Mov10 (Moloney leukemia virus 10, mouse) homolog; putative helicase MOV-10; fSAP113; functional spliceosome associated protein 113; gb110; MGC2948; moloney leukemia virus 10 protein; functional spliceosome-associated protein 113; FLJ32791; KIAA1631; DKFZp667O1423;

Gene ID 4343

mRNA Refseq NM_001130079

Protein Refseq NP_001123551

MIM 610742

UniProt ID Q9HCE1

SDS-PAGE

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