

Recombinant Mouse Cd44 protein, GST-tagged

Cat. No. Cd44-5743M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd44 protein(23-224 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	23-224 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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UniProt ID-Weblink <http://www.uniprot.org/uniprot/>

AA Sequence

QIDLNVTCRYAGVFHVEKNGRYSISRTEAADLCQAFNSTLPTMDQMKLALSKGFETC
 RYGFIEGNVVIPRIHPNAICAANHTGVYILVTSNTSHYDTYCFNASAPPEEDCTSVTDL
 PNSFDGPVTITIVNRDGRYSKKGEYRTHQEDIDASNIIDDDVSSGSTIEKSTPEGYIL
 HTYLPTEQPTGDQDDSFIRSTLATIA

GENE INFORMATION

Gene Name [Cd44 CD44 antigen \[Mus musculus \]](#)

Official Symbol [Cd44](#)

Synonyms

CD44; CD44 antigen; PGP-I; HUTCH-I; ECMR-III; hermes antigen; hyaluronate receptor; lymphocyte antigen 24; phagocytic glycoprotein 1; phagocytic glycoprotein I; extracellular matrix receptor III; GP90 lymphocyte homing/adhesion receptor; Ly-24; Pgp-1; HERMES; AU023126; AW121933; AW146109;

Gene ID [12505](#)

mRNA Refseq [NM_001039150](#)

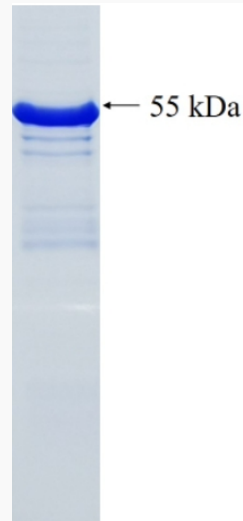
Protein Refseq [NP_001034239](#)

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SDS-PAGE



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