

Recombinant Mouse H2-D1 protein, His-SUMO-tagged

Cat. No. H2-D1-4252M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse H2-D1 protein(P01900)(25-311aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	25-311aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.2 kDa
AA Sequence	GSHSLRYFVTAVSRPGFGEPYMEVG YVDNTEFVRFDSDAENPRYEPRARWIEQE GPEYWERETRRAKGNEQSFRVDLRTALRYYNQSAGGSHTLQWMAGCDVESDGRLL LRGYWQFAYDGC DYIALNEDLKTWTAADMAAQITRRKWEQAGAAERDRAYLEGE VEWLRRYLKNGNATLLRTDPPKAHVTHHRRPEGDVTLRCWALGFYPADITLTWQLN GEELTQEMELVETRPAGDGT FQKWASVVVPLGKEQKYTCHVEHEGLPEPLTLRWG KEEPPSSTKTNT
Purity	Greater than 90% as determined by SDS-PAGE.

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

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	H2-D1 histocompatibility 2, D region locus 1 [Mus musculus]
Official Symbol	H2-D1
Synonyms	H2-D1; histocompatibility 2, D region locus 1; H-2 class I histocompatibility antigen, L-D alpha chain; Q5k protein; MHC class I H-2Dp; MHC H2-D-q alpha-chain; MHC class I H2 antigen; H-2D cell surface glycoprotein; H2-DC1-beta transplantation antigen protein; H-2D; H2-D;
Gene ID	14964
mRNA Refseq	NM_010380
Protein Refseq	NP_034510

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