

Recombinant Mouse H2-K1 protein, GST-tagged

Cat. No. H2-K1-4096M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse H2-K1 protein(P01902)(22-305aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	22-305aa
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	60 kDa
AA Sequence	GPHSLRYFVTAVSRPGLGEPRFIAVG YVDDTQFVRFDSDADNPRFEPRAPWMEQE GPEYWEEQTQRAKSDEQWFRVSLRTAQRYYNQSKGGSHTFQRMFGCDVGSDWR LLRGYQQFAYDGRDYIALNEDLKTWTAADTAALITRRKWEQAGDAEYYRAYLEGE VEWLRRYLELGNETLLRTDSPKAHVTYHPRSQVDVTLRCWALGFYPADITLTWQLN GEDLTQDMELVETRPAGDGT FQKWA AVV VPLGKEQNYTCHVHHKGLPEPLTLRWK LPPSTVSNT
Purity	Greater than 90% as determined by SDS-PAGE.

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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-K1 histocompatibility 2, K1, K region [<i>Mus musculus</i>]
Official Symbol	H2-K1
Synonyms	H2-K1; histocompatibility 2, K1, K region; H-2 class I histocompatibility antigen, K-W28 alpha chain; H-2K(B); H-2K(K); H-2K(Q); MHC class I antigen; MHC class I heavy chain H2-K; MHC H2-K transplantation antigen; class I major histocompatibility antigen H-2Kd; MHC class I H2-K-b-alpha-2 cell surface glycoprotein; H-2 class I histocompatibility antigen, K-B alpha chain; H-2 class I histocompatibility antigen, K-D alpha chain; H-2 class I histocompatibility antigen, K-K alpha chain; H-2 class I histocompatibility antigen, K-Q alpha chain; K-f; H-2K; H2-K; H-2K(d); MGC7052; MGC184092;
Gene ID	14972
mRNA Refseq	NM_001001892
Protein Refseq	NP_001001892