

Recombinant Human B2M & HLA-A protein(WT-1)(RMFPNAPYL), His-tagged

Cat. No. B2M & HLA-A-894H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-A*0201 WT-1 complex Protein is produced by our Mammalian expression system and the target gene encoding (RMFPNAPYL)&Ile21-Met119&Gly25-Ile308 (Ala269Val) is expressed with a 10His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	(RMFPNAPYL)&Ile21-Met119&Gly25-Ile308 (Ala269Val)
Description	The WT1 protein plays an important role in cellular development and cell survival. Regulates the expression of numerous target genes, including EPO. Plays an essential role for development of the urogenital system. It has a tumor suppressor as well as an oncogenic role in tumor formation.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 500mM NaCl, pH 7.4.
Molecular Mass	55-60kDa, reducing conditions.
Endotoxin	Less than 0.1 ng/g (1 EU/g) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature

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for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

GENE INFORMATION

Gene Name B2M beta-2-microglobulin [Homo sapiens (human)]

Official Symbol B2M; HLA-A

Synonyms B2M; HLA-A

Gene ID 567

mRNA Refseq NM_004048.4

Protein Refseq NP_004039.1

MIM 109700

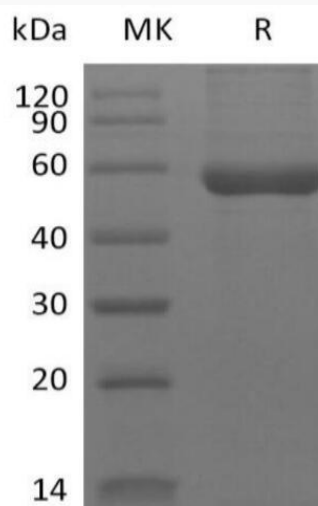
UniProt ID P61769

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**SDS-PAGE of B2M &
HLA-A-894H**



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