

Active Recombinant Mouse CD80 Protein, His-tagged

Cat. No. Cd80-2356M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse CD80 Protein(Q00609)(Val38-Asn246) is expressed in HEK293 with a 6His tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	38-246 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Loaded Mouse CTLA-4-Fc on Protein A Biosensor, can bind Mouse B7-1-His with an affinity constant of 0.17 µM as determined in BLI assay.
Molecular Mass	24.6 KDa
Endotoxin	< 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, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°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

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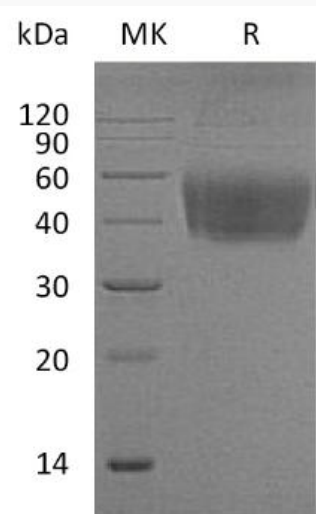
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recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

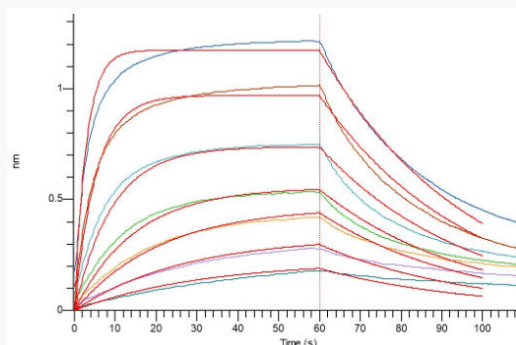
GENE INFORMATION

Gene Name	Cd80 CD80 antigen [<i>Mus musculus</i>]
Official Symbol	Cd80
Synonyms	CD80; CD80 antigen; T-lymphocyte activation antigen CD80; B7 protein; activation B7-1 antigen; B71; Ly53; TSA1; Cd28l; Ly-53; MIC17;
Gene ID	12519
mRNA Refseq	NM_009855
Protein Refseq	NP_033985

SDS-PAGE



BLI



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