

Recombinant Rat CD80 protein, His-tagged, Low Endotoxin

Cat. No. CD80-1875R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD80 protein(G3V671)(Ile39-Gln248) is expressed from HEK293 with His tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	39-248 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 25.54 kDa. Due to glycosylation, the protein migrates to 45-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

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Gene Name	Cd80 Cd80 molecule [Rattus norvegicus]
Official Symbol	CD80
Synonyms	CD80; Cd80 molecule; T-lymphocyte activation antigen CD80; CD80 antigen; Cd80 a rat homolog of the human CD28/CTLA - 4 ligand (B7-1); B7-1;
Gene ID	25408
mRNA Refseq	NM_012926
Protein Refseq	NP_037058
Bis-Tris PAGE	