

Recombinant Human CD70 protein, His-Flag-tagged

Cat. No. CD70-434H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD70 protein(P32970-1)(Gln45-Pro193), fused with N-terminal His and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln45-Pro193
Tag	N-His-Flag
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Bio-activity	Immobilized Recombinant Human CD27L (N-6His-Flag) at 2µg/ml (100 µl/well) can bind Human CD70 Antibody (6E9). The ED50 of Human CD70 Antibody (6E9) is 1.645 ng/ml.
Molecular Mass	21.5 KDa
Endotoxin	< 1 EU/µg as determined by LAL test.
Purity	Greater than 90% 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.

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Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ 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 100 $\mu\text{g}/\text{ml}$.
 Dissolve the lyophilized protein in distilled water.
 Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [CD70 CD70 molecule \[Homo sapiens \]](#)

Official Symbol [CD70](#)

Synonyms

CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; CD27LG; TNFSF7;

Gene ID [970](#)

mRNA Refseq [NM_001252](#)

Protein Refseq [NP_001243](#)

MIM [602840](#)

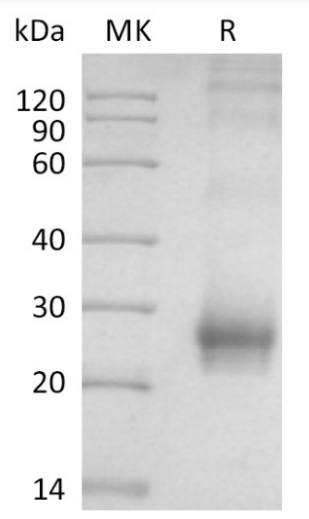
UniProt ID [P32970](#)

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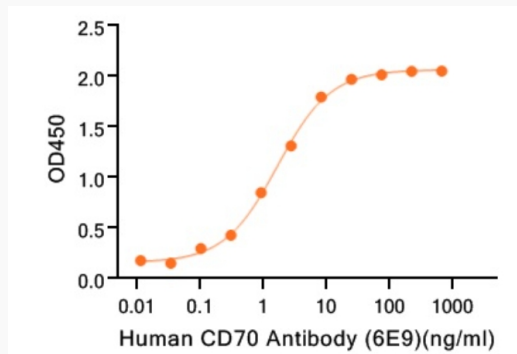
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SDS-PAGE



ELISA



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