

Recombinant Human ICAM-3/CD50 Protein

Catalog No.: RP00979 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3385	P32942

Tags

C-hFc&His

Synonyms

CD50;CDW50;ICAM-3;ICAM-R

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule.

Basic Information

Description

Recombinant Human ICAM-3/CD50 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln30-His485) of human CD50 (Accession #NP_002153.2) fused with an Fc, 6xHis tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term.

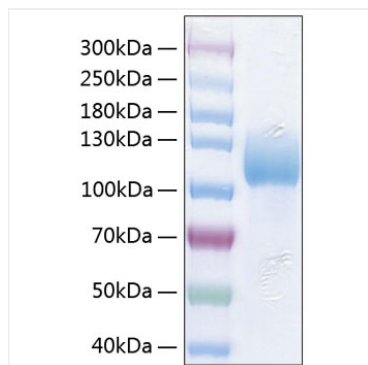
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant Human ICAM-3/CD50 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 110-130 kDa.