

Recombinant Human CD58 Protein, His-tagged

Cat. No. CD58-165H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CD58 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	240
Description	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described.
Form	Lyophilized
Molecular Mass	22.3 kDa
AA Sequence	MVAGSDAGRALGVLSVVCLLHCFGFISCFSSQQIYGVVYGNVTFHVPSNVPLKEVLW KKQKDKVAELENSEFRAFSSFKNRVYLDTVSGSLTIYNLTSSDEDEYEMESPNTDT MKFFLYVLESLPSPTLTCALTNQSIQMIPEYYNSHRGLIMYSWDCPMEQCKRNS TSIYFKMENDLPQKIQCTLSNPLFNTTSSILTTICIPSSGHSRHRHYALIPILAVITTCIVL YMNGMYAF
Purity	> 98%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CD58 CD58 molecule [Homo sapiens (human)]
Official Symbol	CD58
Synonyms	CD58; CD58 molecule; CD58 antigen, (lymphocyte function associated antigen 3) , LFA3; lymphocyte function-associated antigen 3; surface glycoprotein LFA-3; CD58 antigen, (lymphocyte function-associated antigen 3); ag3; LFA3; LFA-3; FLJ23181; FLJ43722;
Gene ID	965
mRNA Refseq	NM_001144822

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Protein Refseq NP_001138294

MIM 153420

UniProt ID P19256

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