

Recombinant human CD58/LFA-3 protein

Catalog Number: ATGP2905

PRODUCT INFORMATION

Expression system

E.coli

Domain

29-215aa

UniProt No.

P19256

NCBI Accession No.

NP_001770

Alternative Names

CD58 molecule, CD58 molecule, ag3, LFA-3, LFA3

PRODUCT SPECIFICATION

Molecular Weight

23.8 kDa (210aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid In. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CD58 is a member of the immunoglobulin superfamily. This protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. CD58 is localized to the plasma membrane. Alternatively spliced transcript variants have been described. Recombinant human CD58 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>FSQQIYG VVYGNVTFHV PSNVPLKEVL WKKQKDKVAE LENSEFRAFS

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SFKNRVYLDT VSGSLTIYNL TSSDEDEYEM ESPNITDTMK FFLYVLES LP SPTLTCALTN GSIEVQCMIP EHYNSHRGLI
MYSWDCPMEQ CKRNSTSIYF KMENDLPQKI QCTLSNPLFN TTSSIILTTC IPSSGHSRHR

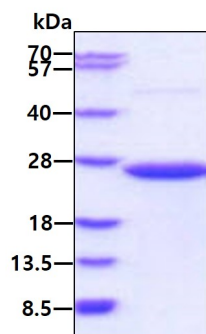
General References

Challa-Malladi, M., et al. (2011) *Cancer Cell* 20 (6), 728-740

Patsopoulos NA, et al. (2011) *Ann. Neurol.* 70 (6), 897-912

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.