

CD58, 29-215aa Human, His tag, E.coli

Cat.NO.: TP01523

3th Edition

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

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.

Form:Liquid. In 20mM Phosphate buffer containing 10% glycerol

Molecular Weight:23.8kDa (210aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGFSQQIYGVVYGNVTFHVPSNVPLKEVLWKKQKDKVAELENSEFRAFSSFKN
RVYLDTVSGSLTIYNLTSSDEDEYEMESPNITDTMKFFLYVLESLPSPTLTCALTNGSIEVQCMIPHEHYNSHRGLIMY
SWDCPMEQCKRNSTSIYFKMENDLPQKIQCTLSNPLFNTTSSIILTTCIPSSGHSRHR

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.