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## Product Data Sheet

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Product Name: CD58 Human  
 Cat. No.: GP23066  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ag3; LFA-3; LFA3; CD58 molecule; Lymphocytefunction-associated antigen 3; Ag3; Surfaceglycoprotein LFA-3.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSFSQQIYGVVYGNVTFHV PSNVPLKEVL WKKQKDKVAE LENSEFRAFS SFKNRVYLDL VSGSLTIYNL TSSDEDEYEMESPNTDTMK FFLYVLESLP SPTLTALTN GSIEVQCMIP EHYNSHRGLI MYSWDCPMEQ CKRNSTSIYFKMENDLPQKI QCTLSNPLFN TTSSIILTTC IPSSGHSRHR.		
Formulation	CD58 protein solution (1mg/ml) containing 20mM Phosphatebuffer and 10% glycerol.		

### Introduction

CD58 is part of the immunoglobulin superfamily. CD58 is a ligand of the T lymphocyte CD2 protein, and is involved in adhesion and activation of T lymphocytes. CD58 is localized to the plasma membrane.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

CD58 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (29-215 a.a) and having a molecular mass of 23.8kDa. CD58 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques

**Caution: Product has not been fully validated for medical applications. For research use only.**

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