

Recombinant human CD96 protein

Catalog Number: ATGP3617

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

22-503aa

UniProt No.

P40200

NCBI Accession No.

NP_005807.1

Alternative Names

T-cell surface protein tactile isoform 2, CD96, T-cell surface protein tactile, TACTILE

PRODUCT SPECIFICATION

Molecular Weight

54.6 kDa (490aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

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

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

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

CD96, also known as T-cell surface protein tactile isoform 2, belongs to the immunoglobulin superfamily. Also, it is a type I membrane protein. It is commonly used as cell markers in immune-phenotyping. This protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Recombinant human CD96, fused to His-tag at C-

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terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

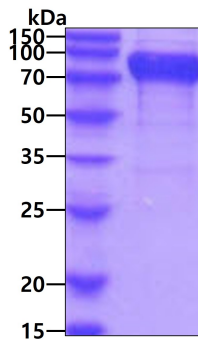
VWEKTVNTEE NVYATLGSDV NLTCQTQTVG FFVQMOWSKV TNKIDLIQVY HPQYGFYCAV GRPCESLVTF TETPENGSKW
TLHLRNMSCS VSGRYECMLV LYPEGIQTKI YNLLIQTHVT ADEWNSNHTI EIEINQTLFI PCFQNSSSKI SSEFTYAWSV
EDNGTQETLI SQNHLISNST LLKDRVKLGT DYRLHLSPVQ IFDDGRKFSC HIRVGPKNIL RSSTTVKVFA KPEIPVIVEN
NSTDVLVERR FTCLLKNVFP KANITWFIDG SFLHDEKEGI YITNEERKGGK DGFLELKSVL TRVHSNKPAQ SDNLTIWCMA
LSPVPGNKVW NISSEKITFL LGSEISSTDP PLSVTESTLD TQPSPASSVS PARYPATSSV TLVDVSALRP NTPQPSNSS
MTTRGFNYPW TSSGTDTKKS VSRIPSETYS SSPSGAGSTL HDNVFTSTAR AFSEVPTTAN GSTKTNHVHI TGIVVNKPKD
GM<LEHHHHHH>

General References

Gramatzki M., et al, (1998) Exp. Hematol. 26:1209-1214.
Fuchs A., et al, (2004) J. Immunol. 172:3994-3998.

DATA

SDS-PAGE



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