

Recombinant human NKp44/NCR2 protein

Catalog Number: ATGP2499

PRODUCT INFORMATION

Expression system

E.coli

Domain

19-130aa

UniProt No.

O95944

NCBI Accession No.

NP_004819.2

Alternative Names

Natural cytotoxicity triggering receptor 2 isoform 1, CD336, LY95, NK-p44 NKP44

PRODUCT SPECIFICATION

Molecular Weight

15 kDa (133aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 80% 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

NCR2 belongs to the natural cytotoxicity receptor (NCR) family and contains 1 Ig-like (immunoglobulin-like) domain. This protein interacts with TYROBP/DAP12 and is selectively expressed by activated NK cells and by in vitro cultured (i. e. activated) TCRg/d lymphoid cells. NCR2 is a cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. Recombinant human NKP44 protein, fused to His-tag at N-terminus, was expressed in E. coli

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Amino acid Sequence

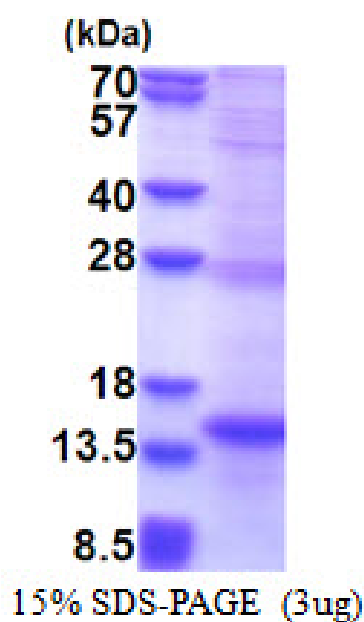
MGSSHHHHHH SGLVPRGSH MSQAQSKAQV LQSVAGQTLT VRCQYPPTGS LYEKKGWCKE ASALVCIRLV TSSKPRTMAW
TSRFTIWDDP DAGFFTVM TDLREEDSGHY WCRIYRPSDN SVSKSVRFYL VVS

General References

Vitale M, Bottino C et al. (1998) J Exp Med. 15
187(12):2065-72.

DATA

SDS-PAGE



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