Recombinant human 2B4/CD244 protein

Catalog Number: ATGP1663

PRODUCT INFORMATION

Expression system
E.coli

Domain
19-224aa

UniProt No.
Q9BZW8

NCBI Accession No.
NP_057466

Alternative Names
CD244 molecule natural killer cell receptor 2B4, NAIL, NKR2B4, Nmrk, SLAMF4

PRODUCT SPECIFICATION

Molecular Weight
25.5 kDa (230aa)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea

Purity
> 85% 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
CD244 (Natural Killer Cell Receptor 2B4), also known as Cluster of Differentiation 244, contains 2 Ig-like (immunoglobulin-like) domains. A role for the subtypes of CD2 Ig superfamily receptors has been recently demonstrated in eosinophilic inflammation in experimental asthma and atopic asthmatics. Functions of CD244 molecules are in eosinophil adhesion and chemotaxis, and correlated the results to the pathophysiology of allergic rhinitis (AR). The cluster of differentiation (cluster of designation) (often abbreviated as CD) is a protocol used for the identification and investigation of cell surface molecules present on white blood cells initially but

Recombinant human 2B4/CD244 protein

Catalog Number: ATGP1663

found in almost any kind of cell of the body, providing targets for immunophenotyping of cells. Recombinant human CD244 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

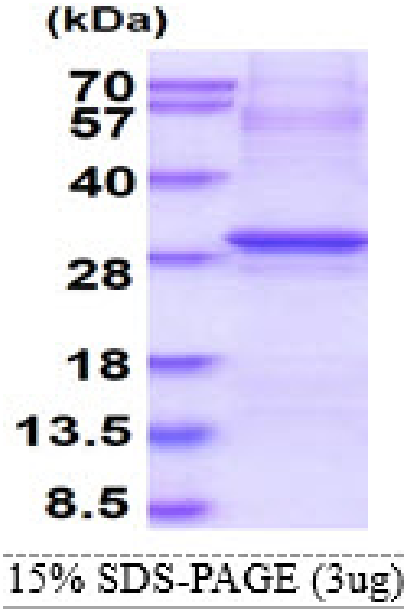
MGSSHHHHHH SSGLVPRGSH MGSHGKGCQG SADHVVSISG VPLQLQPNSI QTKVDSIAWK KLLPSQNGFH HILKWENGSL PSNTSNDRFS FIVKNLSLLI KAAQQQDSGL YCLEVTSISG KVQTATFQVF VFDKVEKPRL QGQGKILDRG RCQVALSCLV SRDGNVSYAW YRGSKLIQTA GNLTYLDEEV DINGTHTYTC NVSNPVSWES HTLNLTQDCQ NAHQEFRFWP

General References

Nakajima H., et al. (1999) Eur. J. Immunol. 29:1676-1683
Zola H, et al. (2007). J Immunol Methods. 318 (1-2): 1-5.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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