

CD244, human recombinant protein**CD244 molecule, natural killer cell receptor 2B4, 2B4, NAIL, NKR2B4, Nmrk, SLAMF4**
Catalog # PBV10963r**Specification**

CD244, human recombinant protein - Product info

Primary Accession	O9BZW8
Concentration	0.5
Calculated MW	25.5 kDa (230 aa, 19-224 aa + His Tag), confirmed by MALDI-TOF. KDa

CD244, human recombinant protein - Additional Info

Gene ID	51744
Gene Symbol	CD244
Other Names	
CD244 molecule, natural killer cell receptor 2B4, 2B4, NAIL, NKR2B4, Nmrk, SLAMF4	

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGS GKGCQG SADHVVSISG VPLQLPNSI QTKVDSIAWK KLLPSQNGFH HILKWENGSL PSNTSNDRFS FIVKNLSLLI KAAQQQDSGL YCLEVTSISG KVQTATFQVF VFDKVEKPRL QGQGKILDRG RCQVALSCLV SRDGNVSYAW YRGSKLIQTA GNLTYLDEEV DINGTHTYTC NVSNPVSWES HTLNLTQDCQ NAHQEFRFWP

Target/Specificity
CD244**Format**
Liquid**Storage**
-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea.**CD244, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD244, human recombinant protein - Images**CD244, human recombinant protein - Background**

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 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.

CD244, human recombinant protein - References

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Kubin M.Z., et al. Eur. J. Immunol. 29:3466-3477(1999).
Tangye S.G., et al. J. Immunol. 162:6981-6985(1999).
Boles K.S., et al. Tissue Antigens 54:27-34(1999).
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