

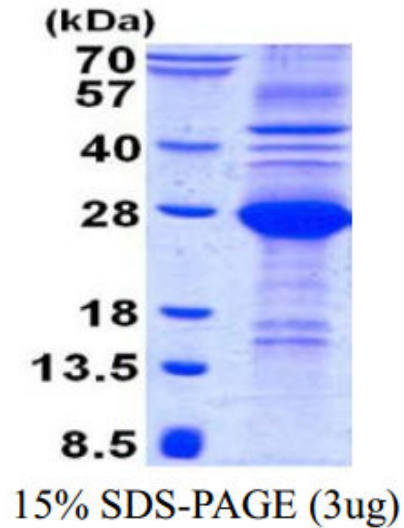
# CD244, human recombinant

<b>CATALOG #:</b>	7339-50	50 µg
<b>ALTERNATE NAMES:</b>	CD244 molecule, natural killer cell receptor 2B4, 2B4, NAIL, NKR2B4, Nmrk, SLAMF4	
<b>SOURCE:</b>	E. coli	
<b>PURITY:</b>	> 85% by SDS-PAGE	
<b>MOL. WEIGHT:</b>	25.5 kDa (230 aa, 19-224 aa + His Tag), confirmed by MALDI-TOF.	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea.	

**STORAGE CONDITIONS:** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**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 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 MGSH GKGCQG SADHVVSISG VPLQLQPNSI QTKVDSIAWK KLLPSQNGFH HILKWENGSL PSNTSNDRFS FIVKNLSLLI KAAQQQDSGL YCLEVTSISG KVQTATFQVF VFDKVEKPRL QGQKILDRG RCQVALSCLV SRDGNVSYAW YRGSKLIQTA GNLTYLDEEV DINGHTHTYTC NVSNPVSWEH HTLNLTQDCQ NAHQEFRFWP



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**RELATED PRODUCTS:**

- CD200, human recombinant (Cat. No. 7309-100)
- CD226, human recombinant (Cat. No. 7310-100)
- CD274, mouse recombinant (Cat. No. 7311-100)
- CD300C, human recombinant (Cat. No. 7312-100)
- CD3G, human recombinant (Cat. No. 7313-100)
- CD46, human recombinant (Cat. No. 7314-100)
- CD5, human recombinant (Cat. No. 7315-100)
- CD7, human recombinant (Cat. No. 7316-100)
- CD74, human recombinant (Cat. No. 7317-100)
- CD79B, human recombinant (Cat. No. 7318-100)
- CD84, human recombinant (Cat. No. 7319-100)
- CD8B, human recombinant (Cat. No. 7320-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**

