

Product datasheet for **AR50822PU-S**

CD179b (38-213, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD179b (38-213, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSLLRPTAA SQSRALGPGA PGGSSRSSLR SRWGRFLLQR GSWTGPRCWP RGFQSKHNSV THVFGSGTQL TVLSQPKATP SVTLFPPSSE ELQANKATLV CLMNDFYPGI LTVTWKADGT PITQGVEMTT PSKQSNKYA ASSYLSLTPE QWRSRRSYSC QVMHEGSTVE KTVAPAECs
Tag:	His-tag
Predicted MW:	21.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IGLL1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_064455
Locus ID:	3543
UniProt ID:	P15814
Cytogenetics:	22q11.23
Synonyms:	14.1; AGM2; CD179b; IGL1; IGL5; IGLJ14.1; IGLL; IGO; IGVPB; VPREB2



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Summary:

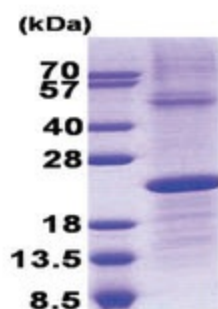
The preB cell receptor is found on the surface of proB and preB cells, where it is involved in transduction of signals for cellular proliferation, differentiation from the proB cell to the preB cell stage, allelic exclusion at the Ig heavy chain gene locus, and promotion of Ig light chain gene rearrangements. The preB cell receptor is composed of a membrane-bound Ig mu heavy chain in association with a heterodimeric surrogate light chain. This gene encodes one of the surrogate light chain subunits and is a member of the immunoglobulin gene superfamily. This gene does not undergo rearrangement. Mutations in this gene can result in B cell deficiency and agammaglobulinemia, an autosomal recessive disease in which few or no gamma globulins or antibodies are made. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families:

Secreted Protein

Protein Pathways:

Primary immunodeficiency

Product images:

15% SDS-PAGE (3ug)