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**Product Data Sheet**


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Product Name: IGLL1 Human  
 Cat. No.: GP23696  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	14.1; AGM2; CD179b; IGL1; IGL5; IGLJ14.1; IGLL; IGO; IGVPB; VPRESB2; Immunoglobulin lambda-like polypeptide 1; CD179 antigen-like family member B; Ig lambda-5; Immunoglobulin omega polypeptide; Immunoglobulin-related protein 14.1; IGLL1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSLLRPTAA SQSRALGPGA PGGSSRSSLR SRWGRFLLQR GSWTGPRCWP RGFQSKHNSV THVFGSGTQL TVLSQPKATP SVTLFPPSSE ELQANKATLV CLMNDFYPII LTVTWKADGT PITQGVEMTT PSKQSNNKYA ASSYLSLTPE QWRSRRSYSC QVMHEGSTVE KTVAPAEC.		
Formulation	IGLL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

**Introduction**

Immunoglobulin Lambda-Like Polypeptide 1 (IGLL1) is one of the substitute light chain subunits and is a part of the immunoglobulin gene superfamily which does not undergo rearrangement. Two transcript variants encoding diverse isoforms have been found for IGLL1. Mutations in IGLL1 can bring about B cell deficiency and agammaglobulinemia, an autosomal recessive disease in which few or no gamma globulins or antibodies are made.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

IGLL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chain containing 199 amino acids (38-213a.a.) and having a molecular mass of 21.5kDa. IGLL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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