

32-4010: IGLL1 Recombinant Protein

Alternative Name : 14.1,AGM2,CD179b,IGL1,IGL5,IGLJ14.1,IGLL,IGO,IGVPB,VPREB2,Immunoglobulin lambda-like polypeptide 1,CD179 antigen-like family member B,Ig lambda-5,Immunoglobulin omega polypeptide,Immunoglobulin-related protein 14.1,IGLL1.

Description

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

Product Info

Amount : 20 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : IGLL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSLLRPTAA SQSRALGPGA PGGSSRSSLR SRWGRFLLQR GSWTGPRCWP RGFQSKHNSV THVFGSGTQL TVLSQPKATP SVTLFPPSSE ELQANKATLV CLMNDFYPGI LTVTWKADGT PITQGVEMTT PSKQSNKYA ASSYLSLTPE QWRSRRSYSC QVMHEGSTVE KTVAPAECS.

