

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

IGLL1, 38-213aa, Human, His tag, E.coli

产品货号: TP02588

第三版

别名: Immunoglobulin lambda-like polypeptide 1, 14.1, AGM2, CD179b, IGL1, IGL5, IGLJ14.1, IGLL, IGO, IGVPB, VPREB2

**描述:** 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. IGLL1 is 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. Recombinant human IGLL1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**分子量:** 21.5 kDa (199aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSLLRPTAASQSRALGPGAPGGSSRSLRSRWGRFLLQRGSWTGPRCWPRGFQSKHNS  
VTHVFGSGTQLTVLSQPKATPSVTLFPPSSEELQANKATLVCLMNDFYPGILTVTWKADGTPITQGVEMTTPSKQSNKY  
AASSYLSLTPEQWRSRRSYSCQVMHEGSTVEKTVAPAECS

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.