

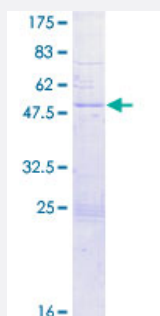
Full-Length

IGLL1 (Human) Recombinant Protein (P01)

Catalog # H00003543-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IGLL1 full-length ORF (NP_064455.1, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRPGTGQGGLEAPGEPGPNLRQRWPLLLLGLAVVTHGLLRPTAASQSRALGPGAPGGSSRSSL RSRWGRFLLQRGSWTGPRCWPRGFQSKHNSVTHVFGSGTQLTVLSQPKATPSVTLFPPSSEEL QANKATLVCLMNDFYPGILTVTWKADGTPITQGVEMTTPSKQSNNKYAASSYLSLTPEQWRSRRS YSCQVMHEGSTVEKTVAPAECS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.4
Interspecies Antigen Sequence	Mouse (59); Rat (61)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IGLL1

Entrez GeneID [3543](#)

GeneBank Accession# [NM_020070.2](#)

Protein Accession# [NP_064455.1](#)

Gene Name IGLL1

Gene Alias 14.1, CD179b, IGL1, IGL5, IGLJ14.1, IGLL, IGO, IGVPB, VPBEB2

Gene Description immunoglobulin lambda-like polypeptide 1

Omim ID [146770 601495](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations

CD179b antigen|Pre-B lymphocyte-specific protein-2|immunoglobulin omega polypeptide chain|immunoglobulin-related 14.1 protein|lambda5

Pathway

- [Primary immunodeficiency](#)