

IGLL1 Human

Description: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.

Catalog #:PRPS-1397

For research use only.

Synonyms:14.1, AGM2, CD179b, IGL1, IGL5, IGLJ14.1, IGLL, IGO, IGVPB, VPB2, Immunoglobulin lambda-like polypeptide 1, CD179 antigen-like family member B, Ig lambda-5, Immunoglobulin omega polypeptide, Immunoglobulin-related protein 14.1, IGLL1.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

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

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

Formulation:

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

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Short chain dehydrogenase/reductase family 16C, member5 (SDR16C5) is active in the oxidative direction as well as in the reductive one. SDR16C5 oxidizes all-trans-retinol in all-trans-retinaldehyde. No activity was detected with 11-cis-retinol or 11-cis-retinaldehyde as substrates with either NAD⁺/NADH or NADP⁺/NADPH.

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