

**LY6D, 21-98aa, Human, His tag, E.coli**

**Cat.NO.: TP02860**

3th Edition

**Synonyms:**Lymphocyte antigen 6D precursor, E48, Ly-6D

**Description:**LY6D contains 1 UPAR/Ly6 domain and is expressed exclusively at the outer cell surface of transitional epithelia and the keratinocyte of stratified squamous epithelia. This protein may act as a specification marker at earliest stage specification of lymphocytes between B- and T-cell development. It marks the earliest stage of B-cell specification. Recombinant human LY6D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol.

**Molecular Weight:**10.8 kDa (101aa), confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSLRCHVCTSSSNCKHSVVCPASSRFCKTTNTVEPLRGNLVKKDCAESCTPSY  
TLQGQVSSGTSSTQCCQEDLCNEKLHN

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Absorbance at 280nm)

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

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.