

Recombinant Human LY6D, His-tagged

Cat. No. LY6D-5019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LY6D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol.
Molecular Mass	10.8 kDa (101aa), confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSLRCHVCT SSSNCKHSVV CPASSRFCKT TNTVEPLRGN LVKKDCAESC TPSYTLQGQV SSGTSSTQCC QEDLCNEKLH N
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
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Concentration	0.5 mg/ml (determined by Bradford assay)
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GENE INFORMATION

Gene Name	LY6D lymphocyte antigen 6 complex, locus D [Homo sapiens]
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Official Symbol	LY6D
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Synonyms	LY6D; lymphocyte antigen 6 complex, locus D; lymphocyte antigen 6D; E48; e48 antigen; Ly-6D;
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Gene ID	8581
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mRNA Refseq	NM_003695
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Protein Refseq	NP_003686
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MIM	606204
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UniProt ID	Q14210
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Chromosome Location	8q24
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