

Recombinant Human CHODL, His-tagged

Cat. No. CHODL-187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHODL, 22-216aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	22-216aa
Description	CHODL is a type I membrane protein with a carbohydrate recognition domain characteristic of C-type lectins in its extracellular portion. In other proteins, this domain is involved in endocytosis of glycoproteins and exogenous sugar-bearing pathogens. This protein localizes predominantly to the perinuclear region. Recombinant human CHODL 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 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	24.6 kDa (220aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSFCRRVVS GQKVCFADFK HPCYKMAYFH ELSSRVSFQE ARLACESEGG VLLSLENEAE QKLIESMLQN LTKPGTGISD GDFWIGLWRN GDGQTSGACP DLYQWSDGSN SQYRNWYTDE PSCGSEKCVV MYHQPTANPG LGGPYLYQWN DDRCNMKHNY ICKYEPEINP TAPVEKPYLT NQPGDTHQNV VVTEAGIIPN

 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

Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	CHODL chondrolectin [Homo sapiens]
Official Symbol	CHODL
Synonyms	CHODL; chondrolectin; C21orf68, chromosome 21 open reading frame 68; FLJ12627; MT75; PRED12; transmembrane protein MT75; C21orf68;
Gene ID	140578
mRNA Refseq	NM_001204174
Protein Refseq	NP_001191103
MIM	607247
UniProt ID	Q9H9P2
Chromosome Location	21q11.2
Function	binding; NOT hyaluronic acid binding; sugar binding;

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