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# Recombinant human Chondrolectin protein

Catalog Number: ATGP2680

### **PRODUCT INFORMATION**

## **Expression system**

E.coli

#### **Domain**

20-216aa

#### UniProt No.

O9H9P2

#### **NCBI Accession No.**

NP 079220.2

#### **Alternative Names**

Chondrolectin isoform a, C21orf68, MT75, PRED12

## PRODUCT SPECIFICATION

#### **Molecular Weight**

24.6 kDa (220aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

#### **Purity**

> 90% by SDS-PAGE

#### Tag

His-Tag

### **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **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.



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# **Amino acid Sequence**

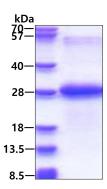
<MGSSHHHHHH SSGLVPRGSH MGS>FCRRVVS GQKVCFADFK HPCYKMAYFH ELSSRVSFQE ARLACESEGG VLLSLENEAE QKLIESMLQN LTKPGTGISD GDFWIGLWRN GDGQTSGACP DLYQWSDGSN SQYRNWYTDE PSCGSEKCVV MYHQPTANPG LGGPYLYQWN DDRCNMKHNY ICKYEPEINP TAPVEKPYLT NQPGDTHQNV VVTEAGIIPN

#### **General References**

Claessens A, Van de Vijver K, et al. (2007). Cell Biol Int. 31(11):1323-30. Weng L, Smits P, et al. (2002). Genomics. 80(1):62-70.

# **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

