

Recombinant human Chondrolectin protein

Catalog Number: ATGP2680

PRODUCT INFORMATION

Expression system

E.coli

Domain

20-216aa

UniProt No.

Q9H9P2

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

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

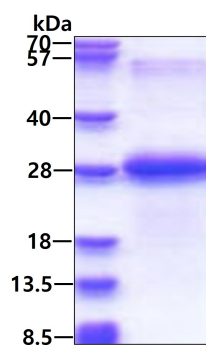
General References

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.