
Product Data Sheet

Product Name: CHODL Human
 Cat. No.: GP23154
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Chondrolectin; Transmembrane Protein MT75; C21orf68; Chromosome 21 Open Reading Frame 68; PRED12; MT75; CHODL.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSFCRRVVS GQKVCFADFK HPCYKMAYFH ELSSRVSFQE ARLACESEGG VLLSLENEAE QKLIESMLQN LTKPGTGISD GDFWIGLWRN GDGQTSACD DLYQWSDGSN SQYRNWYTDE PSCGSEKCVV MYHQPTANPG LGGPYLYQWN DDRCNMKHNY ICKYEPEINP TAPVEKPYLT NQPGDTHQNV VVTEAGIIPN.		
Formulation	The CHODL solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Chondrolectin (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. The CHODL protein localizes mainly to the perinuclear region.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CHODL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (22-216) and having a molecular mass of 24.6 kDa. CHODL is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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