
Product Data Sheet

Product Name: CDHR5 Mouse

Cat. No.: GP26246

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms Cadherin-related family member 5, Mu-protocadherin, Cdhr5, Mucdhl, Mupcdh, 1810074H01Rik, AI481143

Amino Acid Sequence

QTQVCSVNQT IFRVEENTTV SEPLVNIFVP DGLHVTLGPL STPYAFRIEG
 KDLFLNVTPD YEENSLQAD VECKRGDAVV VRLEVFVAVL DINDNAPKFS
 FEIKTFNVSE DTKVNTTVIP ETQLKATDAD INDILVYTLQ EVTPNASKFF
 SLEGVNYPAL KLDQTLDYFK NQNMTFMLLA RDTWEENVEP SHTATATLVL
 NTLPADLRTP WFLPCSFTDG YVCIHAQYSA VVPTGHKLPS PLIMSPGPIY
 AVDGDQAINQ SIIYSIIAGN TDGTFIINAH DGNLTMTKSI PSPMKFTLLI
 RADQEDMAQY SVTQAIVEAR SVTGNPLQFS QSLYYGTVVL GSEAGTAVKD
 KTFPSEILRI QAQYPGFPDL NSAVTYRVTN SSEFMMNKDI MLTAVPMEEA
 RTIRVEVEAS NVTKDTATA VVEIQVSERE LPSTEFPTPP EAGGTTGPSS
 NTTMEAPLTS GTSQRPATTS SGGSVGPFPP GGTTLRPPTP ASSIPGGSP
 LGTSTSPQTT TPGGDSAQTP KPGTSHPTAP TSRTSTSLMT TSSRSDSTQT
 PKPGTSQPMV PIPGASTSSQ PATPSGSSPQ TPKPGTSQST ATGPISGAGE
 QGDGQRFSTV DMALEHHHHH H

Formulation The CDHR5 solution (0.25mg/1ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

Introduction

CDHR5, also referred to as cadherin-related family member 5, is a calcium-dependent cell adhesion protein. CDHR5 is located in coated pits, and is expressed during lung and kidney development at the lateral and basal surfaces of epithelia.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for

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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

CDHR5 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 621 amino acids (29-641 a.a) and having a molecular mass of 66.3kDa. CDHR5 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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