

Recombinant mouse MUCDHL/CDHR5 protein

Catalog Number: ATGP3285

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

29-641aa

UniProt No.

Q8VHF2

NCBI Accession No.

NP_001107794

Alternative Names

Cadherin related family member 5, Mu-protocadherin, MUPCDH

PRODUCT SPECIFICATION

Molecular Weight

66.3 kDa (621aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

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

CDHR5, also known as cadherin-related family member 5, is a calcium-dependent cell adhesion protein. It is expressed at lateral and basal surfaces of epithelia during kidney and lung development and is located in coated pits. Recombinant mouse CDHR5, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Amino acid Sequence

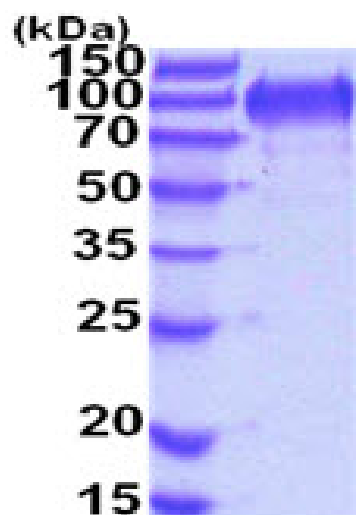
QTQVCSVNQT IFRVEENTTV SEPLVNIFVP DGLHVTLGPL STPYAFRIEG KDLFLNVTPD YEENSLLOAD VECKRGDAVV
VRLEVFVAVL DINDNAPKFS FEIKTFNVSE DTKVNNTVIP ETQLKATDAD INDILVYTLQ EVTPNASKFF SLEGVNYPAL
KLDQTLDYFK NQNMTFMLLA RDTWEENVEP SHTATATLVL NTLPADLRTP WFLPCSFTDG YVCIHAQYSA VVPTGHKLPS
PLIMSPGPIY AVDGDQAINQ SIIYSIIAGN TDGTFIINAH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

General References

Goldberg M., et al. (2000) J Biol Chem. 275:24622-24629.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)