

Cadherin-related family member 5, 29-641aa, Mouse, His tag, Insect cell

Cat.NO.: TP01401

3th Edition

Synonyms:1810074H01Rik, AI481143, Mucdhl, Mupcdh, Cdhr5

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.

Form:In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:66.3kDa (621aa), 70-100kDa (SDS-PAGE under reducing conditions)

Sequences:

QTQVCSVNQTIFRVEENTTVSEPLVNIFVPDGLHVTGLPLSTPYAFRIEGKDLFLNVTPDYEENSLLQADVECKRGD
AVVVRLEVFVAVLDINDNAPKFSFEIKTFNVSEDTKVNTTVIPETQLKATDADINDILVYTLQEVTPNASKFFSLEGVN
YPALKLDQTLDYFKNQNMFMLLARDTWEENVEPSHTATATLVNLTPADLRTPWFLPCSFTDGYVCIHAQYSAVV
PTGHKLPSPLIMSPGPIYAVDGDQAINQSIIYSIIAGNTDGTFIINAHDGNLMTKSIPSPMKFTLLIRADQEDMAQYSV
TQAIVEARSVTGNPLQFSQSLYYGTVVLGSEAGTAVKDKTFPSEILRIQAQYPGFDPNLNSAVTYRVNTNSSEFMMNKD
IMLTAVPMEEARTIRVEVEASNTVTKDTATAVVEIQVSERELPTSTFPTPEAGGTTGPSSNTTMEAPLTSGTSQRP
ATTSSGGSVGPFPPGGTTLRPPTPASSIPGGSPTLGTSTSPQTTTPGGDSAQTPKPGTSHPTAPTSRTSTSLMTTS
SRSDSTQTPKPGTSQPMVPIPGASTSSQPATPSGSSPQTPKPGTSQSTATGPISGAGEQGDGQRFSTVDMALEHH
HHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.