

**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:**

QTQVCSVNQTIFRVEENTTVSEPLVNIFVPDGLHVTGLPLSTPYAFRIEGKDLFLNVTPDYEENSLQLQADVECKRGD  
AVVVRLEVFVAVLDINDNAPKFSFEIKTFNVSEDTKVNTTVIPETQLKATDADINDILVYTLQEVTPNASKFFSLEGVN  
YPALKLDQTLDYFKNQNMFMLLARDTWEENVEPSHTATATLVLNTLPADLRTPWFLPCSFTDGYVCIHAQYSAVV  
PTGHKLPSPIMSPGPIYAVDGDQAINQSIIYSIIAGNTDGTFIINAHDGNLMTKSIPSPMKFTLLIRADQEDMAQYSV  
TQAIVEARSVTGNPLQFSQSLYYGTVVLGSEAGTAVKDKTFPSEILRIQAQYPGFDPDLNSAVTYRVTNSSEFMMNKD  
IMLTAVPMEEARTIRVEVEASNTVTKDTATAVVEIQVSERELPSTEFPTPEAGGTTGPSSNTTMEAPLTSGTSQRP  
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.