

Recombinant Human PCDH19 protein, GST-tagged

Cat. No. PCDH19-15H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCDH19(241 a.a. - 340 a.a.) fused with GST tag at N-terminal was expressed in Wheat germ.
Species	Human
Source	Wheat Germ
ProteinLength	241-340 a.a.
Description	The protein encoded by this gene is a member of the delta-2 protocadherin subclass of the cadherin superfamily. The encoded protein is thought to be a calcium-dependent cell-adhesion protein that is primarily expressed in the brain. Defects in this gene are a cause of epilepsy female-restricted with mental retardation (EFMR). Three transcript variants encoding different isoforms have been found for this gene
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
AA Sequence	RLVPRDVEETDKMNVVSCSSLTSSLNYFDYHQQTLP LGCRRSESTFLNVENQNTRN TSANHIYHHSFNSQGPQQP DLIINGAPLPETENYSFDSNYVNSR
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
GENE INFORMATION	
Gene Name	PCDH19 protocadherin 19 [Homo sapiens]
Official Symbol	PCDH19
Synonyms	PCDH19; protocadherin 19; EFMR, epilepsy, female restricted, with mental retardation (Juberg Hellman syndrome); protocadherin-19; EIEE9; KIAA1313; EFMR; DKFZp686P1843;
Gene ID	57526
mRNA Refseq	NM_001105243
Protein Refseq	NP_001098713
MIM	300460
UniProt ID	Q8TAB3
Chromosome Location	Xq22.1
Function	calcium ion binding;