Datasheet for ABIN1945391

EPDR1 Protein (AA 38-223) (His tag)

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Overview

Quantity:	50 µg
Target:	EPDR1
Protein Characteristics:	AA 38-223
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPDR1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Mammalian Ependymin-Related Protein 1/EPDR1/UCC1 (C-6His)
Sequence:	APRPCQAPQQ WEGRQVMYQQ SSGRNSRALL SYDGLNQRVR VLDERKALIP CKRLFEYILL YKDGVMFQID QATKQCSKMT LTQPWDPLDI PQNSTFEDQY SIGGPQEQIT VQEWSDRKSA RSYETWIGIY TVKDCYPVQE TFTINYSVIL STRFFDIQLG IKDPSVFTPP STCQMAQLEK MSEDCSVDHH HHHH
Characteristics:	Recombinant Human EPDR1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 38-223) of Human EPDR1 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	EPDR1
Alternative Name:	EPDR1 (EPDR1 Products)
Background:	EPDR1 is a member of the ependymin family. EPDR1 is a type II transmembrane protein that is similar to two families of cell adhesion molecules, the protocadherins and ependymins. It may play a role in calcium-dependent cell adhesion. EPDR1 is glycosylated, and the orthologous mouse protein is localized to the lysosome. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8.
Molecular Weight:	22.6 kDa
UniProt:	Q9UM22

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.