

Recombinant Human GRIP1 protein, His & T7-tagged

Cat. No. GRIP1-1747H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRIP1 aa. (Arg79~Thr268 (Accession # Q9Y3R0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg79~Thr268
Description	This gene encodes a member of the glutamate receptor interacting protein family. The encoded scaffold protein binds to and mediates the trafficking and membrane organization of a number of transmembrane proteins. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

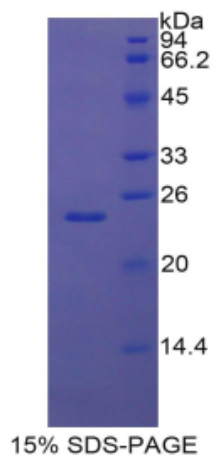
GENE INFORMATION

Gene Name	GRIP1 glutamate receptor interacting protein 1 [Homo sapiens (human)]
Official Symbol	GRIP1
Synonyms	Car12; carbonic anhydrase 12; Ca12; CA-XII; AI314958; 2310047E01Rik; CA XII; carbonate dehydratase XII; carbonic anhydrase XII
Gene ID	23426
mRNA Refseq	NM_001178074.1
Protein Refseq	NP_001171545.1
UniProt ID	Q9Y3R0

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SDS-PAGE

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