Recombinant Human GRIK2 protein, His & T7-tagged

Cat. No. GRIK2-2118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRIK2 aa. (Asn286~Pro561 (Accession # Q13002)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn286~Pro561
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
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

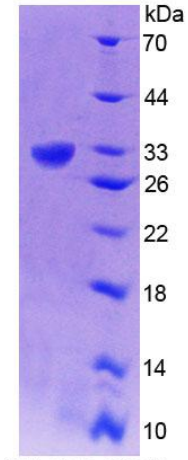
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	GRIK2 glutamate ionotropic receptor kainate type subunit 2 [Homo sapiens (human)]
Official Symbol	GRIK2
Synonyms	Glul; glutamate-ammonia ligase (glutamine synthetase); GS; Glns; glutamine synthetase; glutamate decarboxylase; glutamate-ammonia ligase (glutamine synthase)
Gene ID	2898
mRNA Refseq	NM_001166247.1
Protein Refseq	NP_001159719.1
UniProt ID	Q13002

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15% SDS-PAGE

SDS-PAGE

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