

Recombinant Human GRIK4 Protein, GST-tagged

Cat. No. GRIK4-5340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRIK4 partial ORF (NP_055434, 21 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. [provided by RefSeq]
Molecular Mass	37.84 kDa
AA Sequence	SPHSLRIAAILDDPMECSRGERLSITLAKNRINRAPERLGKAKVEVDIFELLRDSEYET AETMCQILPKGVVAVLGPSSSPASSSIISNICGEKEVPHFKVAPEEFVKFQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [GRIK4 glutamate receptor, ionotropic, kainate 4 \[Homo sapiens \]](#)

Official Symbol [GRIK4](#)

Synonyms GRIK4; glutamate receptor, ionotropic, kainate 4; GRIK; glutamate receptor, ionotropic kainate 4; GluK4; KA1; glutamate receptor KA1; glutamate receptor KA-1; excitatory amino acid receptor 1; EAA1;

Gene ID [2900](#)

mRNA Refseq [NM_014619](#)

Protein Refseq [NP_055434](#)

MIM [600282](#)

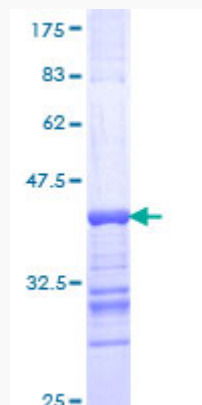
UniProt ID [Q16099](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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