Recombinant Human GABRA4 Protein (36-258 aa), His-SUMO-tagged

Cat. No. GABRA4-511H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRA4 Protein (36-258 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	36-258 aa
Description	GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	41.8 kDa
AA Sequence	QNQKEEKLCTENFTRILDSLLDGYDNRLRPGFGGPVTEVKTDIYVTSFGPVSDVEME YTMDVFFRQTWIDKRLKYDGPIEILRLNNMMVTKVWTPDTFFRNGKKSVSHNMTAP NKLFRIMRNGTILYTMRLTISAECPMRLVDFPMDGHACPLKFGSYAYPKSEMIYTWT KGPEKSVEVPKESSSLVQYDLIGQTVSSETIKSITGEYIVMTVYFHLRRKMGY
Purity	> 90% as determined by SDS-PAGE.

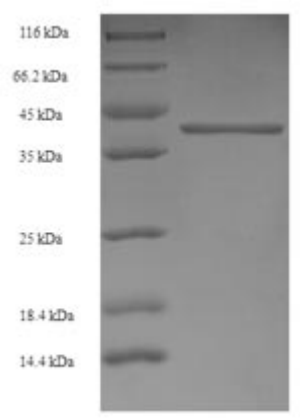
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45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	GABRA4 gamma-aminobutyric acid (GABA) A receptor, alpha 4 [Homo sapiens]
Official Symbol	GABRA4
Synonyms	GABRA4; alpha 4; GABA(A) receptor, alpha 4;
Gene ID	2557
mRNA Refseq	NM_000809
Protein Refseq	NP_000800
MIM	137141
UniProt ID	P48169

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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