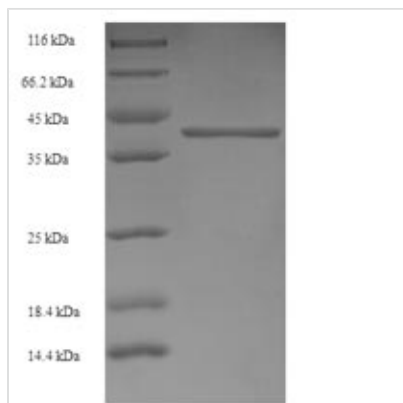




Recombinant Human Gamma-aminobutyric acid receptor subunit alpha-4 (GABRA4), partial

Product Code	CSB-EP009143HU
Relevance	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.
Abbreviation	Recombinant Human GABRA4 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P48169
Alias	GABA(A) receptor subunit alpha-4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than $\geq 90\%$ as determined by SDS-PAGE.
Sequence	QNQKEEKLCCTENFTRILDSLLDGYDNRLRPGFGGPVTEVKTDIYVTSFGPVSD VEMEYTMDFFRQQTWIDKRLKYDGPPIELRLNMMVTKVWTPDTFFRNGKKS SHNMTAPNKLFRIMRNGTILYTMRLTISAECPMRLVDFPMDGHACPLKFGSYA YPKSEMIYTWTKGPEKSVEVPKESSSLVQYDLIGQTVSSETIKSITGEYIVMTVY FHLRRKMGY
Research Area	Neuroscience
Source	E.coli
Target Names	GABRA4
Expression Region	36-258aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	41.8kDa
Protein Length	Extracellular Domain
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.