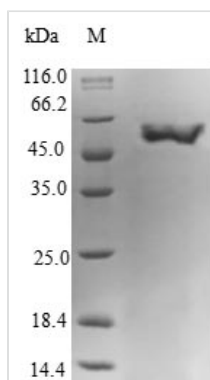




Recombinant Human Guanine nucleotide-binding protein subunit alpha-15 (GNA15)

Product Code	CSB-EP009587HU
Relevance	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.
Abbreviation	Recombinant Human GNA15 protein
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.	P30679
Alias	Epididymis tissue protein Li 17E Guanine nucleotide-binding protein subunit alpha-16
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MARSLTWRCCPWCLTEDEKAAARVDQEINRILLEQKKQDRGELKLLLLGPGES GKSTFIKQMRIIHGAGYSEEERKGFRLVYQNIFVSMRAMIEAMERLQIPFSRP ESKHHASLVMSQDPYKVTTTFEKRYAAAMQWLWRDAGIRAYYERRREFHLLDS AVYYLSHLERITEEGYVPTAQDVLRSRMPPTTGINEYCFQSVQKTNLRIVDVGGQK SERKKWIHCFENVIALIYLASLSEYDQCLEENNQENRMKESLALFGTILELPWF KSTSVILFLNKTDILEEKIPTSHLATYFSPFQGPQDAEAAKRFILDMYTRMYTG CVDGPEGSKKGARSRLFSHYTCATDTQNIRKVFKDVRDSVLARYLDEINLL
Research Area	Signal Transduction
Source	E.coli
Target Names	GNA15
Protein Names	Recommended name: Guanine nucleotide-binding protein subunit alpha-15 Short name= G alpha-15 Short name= G-protein subunit alpha-15 Alternative name(s): Guanine nucleotide-binding protein subunit alpha-16 Short name= G alpha-1
Expression Region	1-374aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-Trx-tagged
Mol. Weight	60.6kDa
Protein Length	Full Length
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.