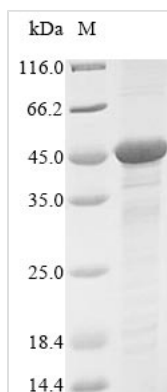




Recombinant Mouse Guanine nucleotide-binding protein G (q) subunit alpha (Gnaq)

Product Code	CSB-EP009594MO
Relevance	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. Regulates chemotaxis of BM-derived neutrophils and dendritic cells
Abbreviation	Recombinant Mouse Gnaq 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.	P21279
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MTLESIMACCLSEEAKEARRINDEIERQLRRDKRDARRELKLLLLGTGESGKST FIKQMRIIHGSGYSDEDKRGFTKL VYQNI FTAMQAMIRAMDTLKIPYKYEHNKA HAQLVREVDVEKVSFAFENPYVDAIKSLWNDPGIQECYDRRREYQLSDSTKYYL NDLDRVADPSYLP TQQDVL RVRVPTTGII EYPFDLQSVIFRMVDVGGQRSERR KWIHCFENVTSIMFLVALSEYDQVLVESDNENRMEESKALFRTIITYPWFQNSS VILFLNKKDLLEEKIMYSHLVDYFPEYDGPQRDAQAAREFILKMFVDLNPDSDKI IYSHFTCATDTENIRFVFAAVKDTILQLNLKEYNLV
Research Area	Signal Transduction
Source	E.coli
Target Names	Gnaq
Protein Names	Guanine nucleotide-binding protein alpha-q
Expression Region	1-359aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	49.2 kDa
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

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