G Protein Alpha Activating Activity Polypeptide O (GNaO1) Recombinant Protein | GNaO1 recombinant protein

Recombinant G Protein Alpha Activating Activity Polypeptide O (GNaO1)

CATALOG #	HOST	APPLICATIONS
AAA150760	**E Coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

G Protein Alpha Activating Activity Polypeptide O (GNaO1); Recombinant G Protein Alpha Activating Activity Polypeptide O (GNaO1); G Protein Alpha Activating Activity Polypeptide O; G-ALPHA-o; GNAO; Guanine nucleotide-binding protein G (o) subunit alpha; GNaO1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>80%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Gly2~Tyr35 4
Applicable Applications for GNaO1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.8
Subcellular Location	Membrane
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE
Figure. SDS-PAGE

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for GNaO1 recombinant protein	Metabolic pathway; Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 43.7kDa Accurate Molecular Mass: 43kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/g-protein-alpha-activating-activity-polypeptide-o-gnao1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150760