

Product datasheet

Recombinant Human GNG4 protein (denatured)
ab177602

1 Image

Overview

Product name	Recombinant Human GNG4 protein (denatured)
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	NP_001092192
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMKEGMSNNSTTSI SQARKAVEQLKMEA CMDRVKVSQAAADLLAYCEAHVREDPLIIPVPAENP FREKKFFC
Molecular weight	10 kDa including tags
Amino acids	1 to 72
Tags	His tag N-Terminus
Additional sequence information	Mature form.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab177602** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Purity	> 85 % SDS-PAGE. ab177602 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography.
Form	Liquid
Additional notes	This product was previously labelled as G gamma4

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

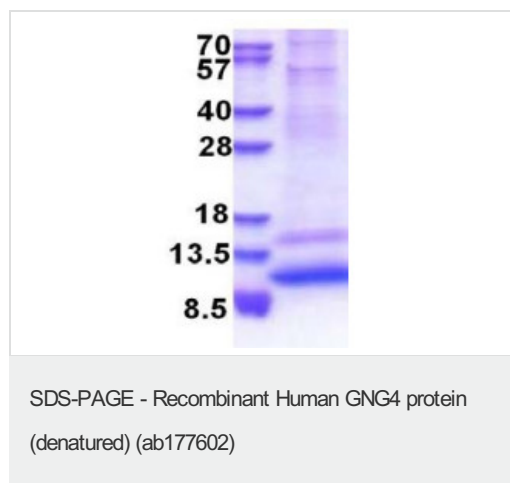
Information available upon request.

General Info

Relevance

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. G gamma4 interacts with beta-1 and beta-2, but not with beta-3. It is expressed in brain, kidney, pancreas, skeletal muscle and faintly in cardiac muscle.

Images



15% SDS-PAGE analysis of ab177602 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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