

## Product datasheet

# Recombinant Human GNGT1 protein ab183256

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human GNGT1 protein
<b>Purity</b>	> 95 % SDS-PAGE. ab183256 is purified using conventional chromatography.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P63211</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMPVINIE DLTEKDKLKM EVDQLKKEVT LERMLVSKCC EEVRDYVEER SGEDPLVKGI PEDKNPFKEL KGGC
<b>Predicted molecular weight</b>	11 kDa including tags
<b>Amino acids</b>	1 to 71
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	Mature protein. NP_068774.

### Specifications

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Our **Abpromise guarantee** covers the use of **ab183256** in the following tested applications.

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

<b>Applications</b>	Mass Spectrometry SDS-PAGE
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	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.
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pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride, 0.03% EDTA

## General Info

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### Relevance

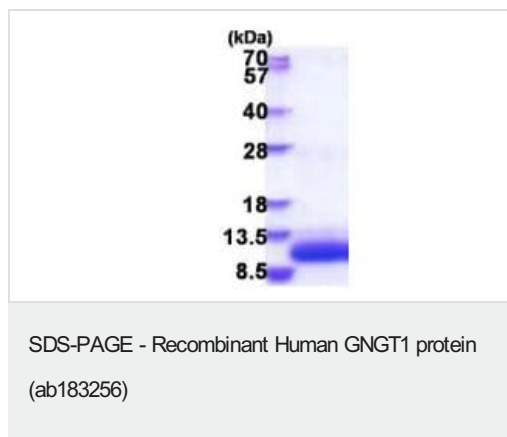
GNGT1 is a heterotrimeric guanine nucleotide-binding proteins (G proteins) transduce extracellular signals received by transmembrane receptors to effector proteins. Transducin is a guanine nucleotide-binding protein found specifically in rod outer segments, where it mediates activation by rhodopsin of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase. Transducin is also referred to as GMPase. GNGT1 encodes the gamma subunit of transducin

### Cellular localization

Cell membrane; Lipid-anchor; Cytoplasmic side.

## Images

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15% SDS PAGE analysis of ab183256 (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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