

Product datasheet

Recombinant Human SEMA3G protein ab163429

1 Image

Overview

<b>Product name</b>	Recombinant Human SEMA3G protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human

<b>Sequence</b>	<p>MAPSAWAICWLLGGLLLHGGSSGSPGSPVPRLRLSY  RDLLSANRSAIFL  GPQGSLNLQAMYLDEYRDRLFGLLDALYSRLDQAW  PDPREVLWPPQPG  QREECVRKGRDPLTECANFVRVLQPHNRTHLLACGT  GAFQPTCALITVGH  RGEHVLHLEPGSVESGRGRCPHEPSRPFASFIDGEL  YTGLTADFLGREA  MIFRSGGPRPALRSDSDQSLLHDPFRVMAARIPENS  QDNDKVYFFFSET  VPSPDGGSNHVTVSRVGRVCVNDAGGQRVLVNKWS  TFLKARLVCSVPGPG  GAETHFDQLEDVFLWPKAGKSLEVYALFSTVSAVFQ  GFAVCVYHMADIW  EVFNGPFAHRDGPQHGWGPYGGKVPFPRPGVCPSK  MTAQGRPFGSTKDY  PDEVLQFARAHPLMFWPVRPRHGRPVLVKTHLAQQL  HQIVDRVEAEDGT  YDVIFLGTDSGVLKVIALLQAGGSAEPEEVVLEELQVF  KVPTPITEMEIS  VKRQMLYVGSRLGVAQLRLHQCETYGTACAECCLAR  DPYCAWDGASCTHY  RPSLGKRRFRQDIRHGPNALQCLGQSQEEEEAVGLVA  ATMVYGTENSTF  LECLPKSPQAAVRWLLQRPQDEGPDQVKTDERVLHT  ERGLLFRRLSRFDA</p>
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GTYTCTTLEHGFSQTVVRLALVVIVASQLDNLFPPEPK  
PEEPPARGGLAS  
TPPKAWYKDILQLIGFANLPRVDEYCERVWCRGTTEC  
SGCFRSRSRGKQA  
RGKSWAGLELGKKMKSRVHAEHNRTPREVEAT

**Amino acids** 1 to 782  
**Tags** proprietary tag N-Terminus

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab163429** in the following tested applications.

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

**Applications** ELISA  
Western blot

**Form** Liquid

**Additional notes** Protein concentration is above or equal to 0.05 mg/ml.

## Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
pH: 8.00  
Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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**Function** Has chemorepulsive activities for sympathetic axons. Ligand of NRP2.

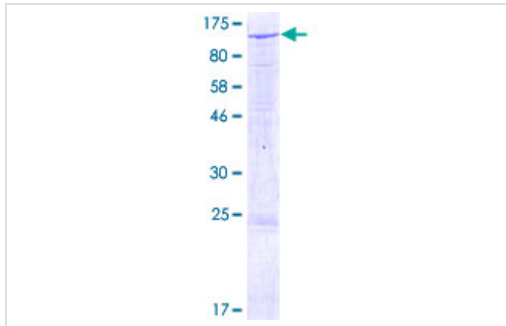
**Sequence similarities** Belongs to the semaphorin family.  
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.  
Contains 1 Sema domain.

**Cellular localization** Secreted.

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## Images

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ab163429 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human SEMA3G protein  
(ab163429)

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

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- Replacement or refund for products not performing as stated on the datasheet
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