

Datasheet for ABIN5709569  
**GDNF Protein (AA 78-211) (His-SUMO Tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	GDNF
Protein Characteristics:	AA 78-211
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDNF protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence: SPDKQMAVLP RRERNRQAAA ANPENSRGKG RRGQRGKNRG CVLTAIHLNV TDGLGLGYETK  
EELIFRYCSG SCDAAETTYD KILKNLSRNR RLVSDKVGQA CCRPIAFDDD LSFLDDNLVY  
HILRKHSAKR CGCI

Purification: SDS-PAGE

Purity: > 90 %

## Target Details

Target: GDNF

Alternative Name: GDNF ([GDNF Products](#))

Background: Neurotrophic factor that enhances survival and morphological differentiation of dopaminergic neurons and increases their high-affinity dopamine uptake.

## Target Details

Molecular Weight:	31.1 kDa
UniProt:	<a href="#">P39905</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Tube Formation</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a>

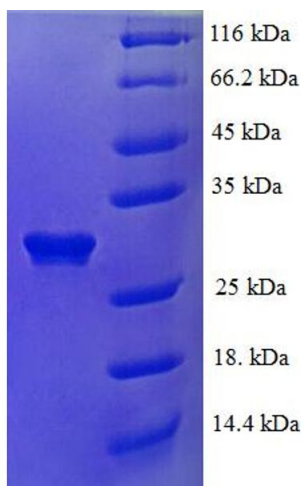
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Images



### SDS-PAGE

Image 1.