

[Go to Product page](#)

## Datasheet for ABIN2018287 NGFR Protein (AA 29-250)

### Overview

Quantity:	50 µg
Target:	NGFR
Protein Characteristics:	AA 29-250
Origin:	Human
Source:	HEK-293T Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Characteristics:	ED50 < 0.4 µg /mL, measured in a neutralization assay using TF-1 cells in the presence of 10 ng/mL human b-NGF.
Purity:	> 95 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

### Target Details

Target:	NGFR
Alternative Name:	NGF Receptor ( <a href="#">NGFR Products</a> )
Background:	NGF Receptor, also known as Gp80-LNGFR, p75 ICD, CD271 and TNFRSF16, is a type I transmembrane protein belonging to the TNF receptor family. It is expressed by both neuronal and non-neuronal cells. Signaling through NGF Receptor has been shown to regulate gene expression, cell migration and death. A truncated NGF Receptor containing only the

## Target Details

extracellular domain has been detected in plasma, amniotic fluid and urine, and acts as a potent NGF antagonist.

Synonyms: Gp80-LNGFR, p75 ICD, CD271, TNFRSF16

Molecular Weight: 32-60 kDa, observed by reducing SDS-PAGE.

UniProt: [P08138](#)

Pathways: [NF-kappaB Signaling](#), [Neurotrophin Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Growth Factor Binding](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH<sub>2</sub>O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant human NGF Receptor remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, human NGF Receptor should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months