

Datasheet for ABIN7607278

NGFR Protein (AA 29-250) (His-Fc tag)



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Overview

Quantity:	50 µg
Target:	NGFR
Protein Characteristics:	AA 29-250
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This NGFR protein is labelled with His-Fc tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CD271/NGFR Protein, C-hFc-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit beta-NGF dependent proliferation of human erythroleukemic cells (TF-1). The ED50 for this effect is 0.2-0.6 µg/mL.

Target Details

Target:	NGFR
Alternative Name:	Low affinity neurotrophin receptor p75NTR (NGFR Products)

Target Details

Background: Low affinity neurotrophin receptor p75NTR, TNFRSF16, CD271, Gp80-LNGFR, p75 ICD, Low-affinity nerve growth factor receptor, NGFR, NGF receptor, Tumor necrosis factor receptor superfamily member 16

UniProt: [P08138](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

Expiry Date: 12 months