

Datasheet for ABIN2727167

Neurologin 3 Protein (NLGN3) (Myc-DYKDDDDK Tag)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	Neurologin 3 (NLGN3)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurologin 3 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Neurologin 3 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Neurologin 3 (NLGN3)
Alternative Name:	Neurologin 3 (NLGN3 Products)
Background:	This gene encodes a member of a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Target Details

Molecular Weight:	91.4 kDa
NCBI Accession:	NP_061850
Pathways:	Synaptic Membrane

Application Details

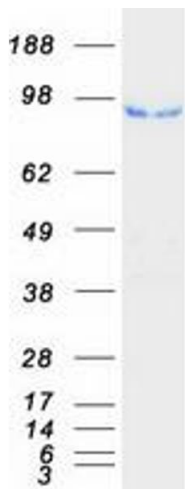
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Venkatesh, Johung, Caretti, Noll, Tang, Nagaraja, Gibson, Mount, Polepalli, Mitra, Woo, Malenka, Vogel, Bredel, Mallick, Monje: "Neuronal Activity Promotes Glioma Growth through Neuroligin-3 Secretion." in: Cell , Vol. 161, Issue 4, pp. 803-16, (2015) (PubMed).
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Western Blotting

Image 1. Validation with Western Blot