

Recombinant Human NMDAR2B protein ab112298

1 Image

Description	
Product name	Recombinant Human NMDAR2B protein
Biological activity	useful for Antibody Production and Protein Array
Expression system	Wheat germ
Accession	<u>Q13224</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	HGGSSMIMADKDESSMFFQFGPSIEQQASVMLNIMEEYD WYIFSIVTTYF PGYQDFV NKIRSTIENSFVGWELEEVL LLDMSLDDGDSKI QNQLKKLQSP ILLYCTKEE
Predicted molecular weight	38 kDa including tags
Amino acids	127 to 236
Tags	GST tag N-Terminus

Specifications	
Our Abpromise guarantee covers the use of ab112298 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	useful for Antibody Production and Protein Array

Preparation and Storage	
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00

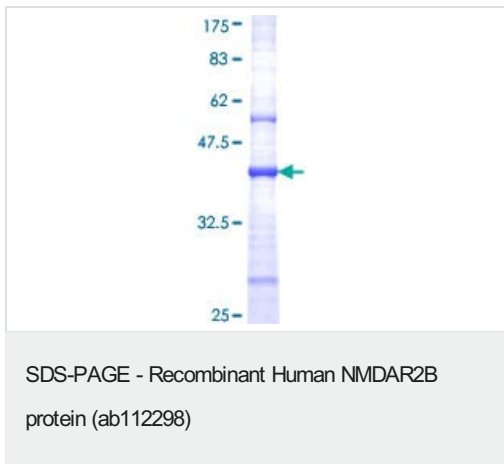
Constituents: 0.31% Glutathione, 0.79% Tris HCl

Glutathione is reduced

General Info

Function	NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.
Tissue specificity	Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.
Sequence similarities	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily.
Cellular localization	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

Images



ab112298 analysed on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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