

Product datasheet

Recombinant Human GLUD2 protein ab132807

1 Image

Description

Product name	Recombinant Human GLUD2 protein
Expression system	Wheat germ
Accession	<u>P49448</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MTPGFRDKTFVVQGFGNVGLHSMRYLHRFGAKCIAVGES DGSIWNPDGID PKELEDFKLQHGSLGFPKAKPYEGSILEVDCDILIPAATEK QLTKSNAP RVKAKIAEGANGPTTPEADKIFLERNILVIPDLYNAGGVTV SYFEWLK NLNHVSYGRLTFKYERDSNYHLLSVQESLERKFGKHGGTI PMPTAEFQ DSISGASEKDIVHSALAYTMERSARQIMHTAMKYNLGLDLR TAAYVNAIE KVFKVYSEAGVTFT
Predicted molecular weight	55 kDa including tags
Amino acids	295 to 558
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab132807** 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
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Additional notes

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

General Info

Function

Important for recycling the chief excitatory neurotransmitter, glutamate, during neurotransmission.

Tissue specificity

Expressed in retina, testis and, at a lower level, brain.

Sequence similarities

Belongs to the Glu/Leu/Phe/Val dehydrogenases family.

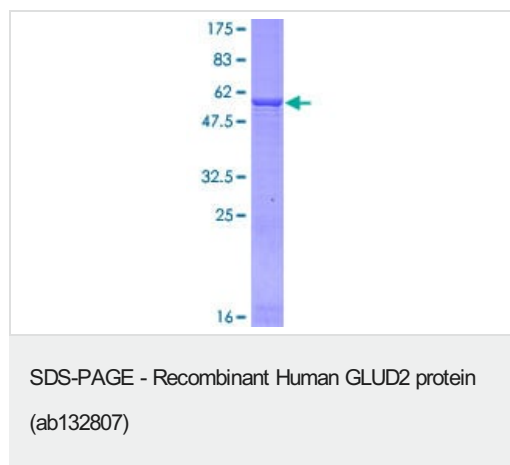
Post-translational modifications

Stoichiometry shows that ADP-ribosylation occurs in one subunit per catalytically active homohexamer.

Cellular localization

Mitochondrion matrix.

Images



12.5% SDS-PAGE analysis of ab132807 stained with Coomassie Blue.

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

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