

## Glutamate Decarboxylase 2 Human Recombinant

<b>Item Number</b>	rAP-0972
<b>Synonyms</b>	Glutamate Decarboxylase 2 (Pancreatic Islets And Brain, 65kDa), Glutamate Decarboxylase 65 KDa Isoform, 65 KDa Glutamic Acid Decarboxylase, EC 4.1.1.15, GAD-65, GAD65, Glutamate Decarboxylase 2 (Pancreatic Islets And Brain, 65kD), Glutamate Decarboxylase-
<b>Description</b>	Recombinant Human GAD2 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 66,234 Dalton. GAD2 is expressed with a 6xHis tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q05329
<b>Amino Acid Sequence</b>	
<b>Source</b>	Sf9 insect cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	GAD2 protein solution is supplied in 16mM HEPES buffer pH-7.5, 250mM NaCl, 0.016mM Pyridoxal-5'-Phosphate, 0.16% Triton x-100 and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**