

Glutamate Decarboxylase 2 Recombinant Protein | GAD2 recombinant protein

Recombinant Human Glutamate Decarboxylase 2

CATALOG # AAA38017	HOST Sf9 Insect Cells
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PRODUCT SYNONYMS

Glutamate Decarboxylase 2; Recombinant Human Glutamate Decarboxylase 2; Glutamate Decarboxylase 2 (Pancreatic Islets and Brain; 65 kDa); Glutamate Decarboxylase 65kDa Isoform; 65 kDa Glutamic Acid Decarboxylase; EC 4.1.1.15 GAD-65; GAD65; Glutamate Decarboxylase-2 (Pancreatic Islets And Brain; 65 kD); Glutamate Decarboxylase-2 (Pancreas); EC 4.1.1.; GAD2.; GAD2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Insect Cells
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	GAD2 protein solution (1.01 mg/mL) is supplied in 20mM Sodium phosphate pH 7.4, 150 mM NaCl, 0.016mM Pyridoxal-5'-Phosphate, 0.05% Tergitol 15-S-9 and 20% glycerol.
Sequence Length	585
Physical Appearance	Sterile Filtered clear solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for GAD2 recombinant protein	Recombinant Human GAD2 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 61 kDa. GAD2 is expressed with a 6xHis tag at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for GAD2 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503875
NCBI GeneID	2572
NCBI Accession #	NP_000809.1
NCBI GenBank Nucleotide #	NM_000818.2
UniProt Accession #	Q05329 ; Q9UD87
NCBI Official Full Name	glutamate decarboxylase 2
NCBI Official Synonym Full Names	glutamate decarboxylase 2
NCBI Official Symbol	GAD2
NCBI Official Synonym Symbols	GAD65
NCBI Protein Information	glutamate decarboxylase 2

UniProt Protein Name	Glutamate decarboxylase 2
UniProt Gene Name	GAD2
UniProt Synonym Gene Names	GAD65; GAD-65
UniProt Entry Name	DCE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/gad2-recombinant-protein-sf9/38017>