

Human GAD1 Recombinant Protein



RPPB1663

Product Information Protein Information

Product SKU:

RPPB1663

Accession:

Q99259

Host:

E.coli.

Protein description:

GAD1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 247 amino acids (1-224) and having a molecular mass of 27.7kDa. GAD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutamate Decarboxylase 1 (Brain, 67kDa), GAD, Glutamate Decarboxylase 67 KDa Isoform, 67 KDa Glutamic Acid Decarboxylase, GAD-67, EC 4.1.1.15, CPSQ1, SCP, Glutamate Decarboxylase 1 (Brain, 67kD), Glutamate Decarboxylase 1, GAD67, EC 4.1.1, GAD1.

Formulation:

The GAD1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SGLVPRGSH MGSMASSTPS SSATSSNAGA DPNTTNLRPT TYDTWCGVAH GCTRKLGLKI
CGFLQRTNSL EEKRLVSAF KERQSSKNLL SCENS DRDAR FRR TETDFSN LFARDLLPAK NGEEQTVQFL
LEVVDILLNY VRKTFDRSTK VLDFHHPHQL LEGMEGFNLE LSDHPESLEQ ILVDCRDTLK YGVRTGHPRF
FNQLSTGLDI IGLAGEWLTS TANTNMPSDM RECWLLR.