

Recombinant Mouse Gad2 protein(Met1-Leu585), His&GST-tagged

Cat. No. Gad2-860M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length of Mouse GAD2 (NP_032104.2) (Met 1-Leu 585) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	1-585 a.a.
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 0.5mM GSH, 3mM DTT, 10% gly, pH 8.0 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse GAD2/GST chimera consists of 822 amino acids and has a calculated molecular mass of 93 kDa. It migrates as an approximately 80 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Full Length

Full L.

GENE INFORMATION

Gene Name

Gad2 glutamic acid decarboxylase 2 [Mus musculus]

Official Symbol

Gad2

Synonyms

GAD2; glutamic acid decarboxylase 2; glutamate decarboxylase 2; GAD-65; 65 kDa glutamic acid decarboxylase; glutamate decarboxylase 65 kDa isoform; GAD65; Gad-2; GAD(65); 6330404F12Rik;

Gene ID

14417

mRNA Refseq

NM_008078

Protein Refseq

NP_032104

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA