

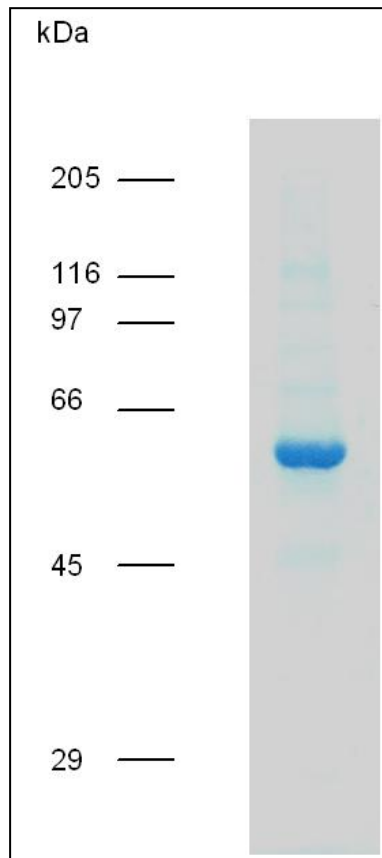
RSR

SPECIFICATIONS

RECOMBINANT HUMAN GLUTAMIC ACID DECARBOXYLASE (GAD)₆₅

RSR – rhGAD₆₅

- Expression system:** Full length recombinant GAD 65kDa isoform (amino acids 1 to 585) produced in yeast (*Saccharomyces cerevisiae*)
- Purity:** ≥95%
- Available forms:** As frozen liquid with vials containing 0.1mg or 1mg GAD₆₅, 0.75 to 1.5mg/mL in 100 mmol/L Tris-HCl; 500mmol/L NaCl; pH 8.50 and proprietary stabilizers
- Order code:** rGAD/FR /0.1
rGAD/FR /1
- Applications:** Suitable for coating ELISA plates, plastic tubes and magnetic particles for use in GAD₆₅ Ab assays. Also suitable for iodination or biotinylation. Useful in the study of the synthesis of the inhibitory neurotransmitter gamma amino butyric acid, GABA.
- Storage:** -70°C or below
- Literature:** “Glutamic acid decarboxylase autoantibody assay using ¹²⁵I-labelled recombinant GAD₆₅ produced in yeast”
M Powell et al
Clinica Chimica Acta 1996 **256**: 175-188
- SDS-PAGE:** 10µg of reduced GAD₆₅ run on a 9% acrylamide SDS-PAGE gel and Coomassie stained



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