

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 1mg GAD₆₅, 1.50 to 3.50 mg/mL in 100 mmol/L Tris-HCl; 500mmol/L NaCl; pH 8.50 and proprietary stabilizers

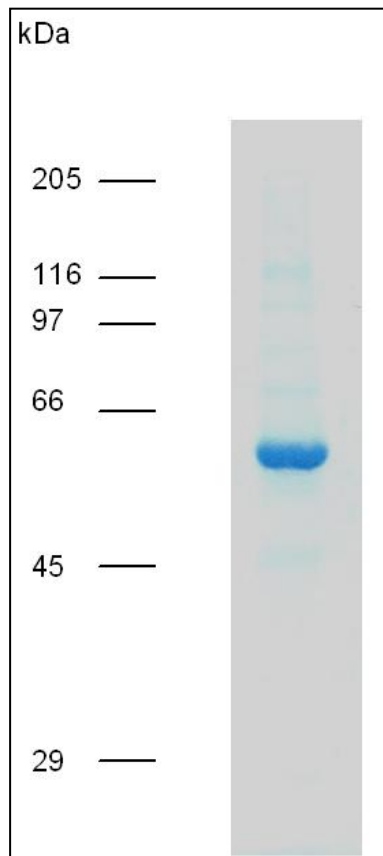
Order code: rGAD/FR/1

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: M Powell et al, Clinica Chimica Acta 1996 **256**: 175-188
Glutamic acid decarboxylase autoantibody assay using ¹²⁵I-labelled recombinant GAD₆₅ produced in yeast

SDS-PAGE: 10µg of reduced GAD₆₅ run on a 9% acrylamide SDS-PAGE gel and Coomassie stained



RSR Limited

Diagnostics for Autoimmunity

Parc Ty Glas, Llanishen, Cardiff, CF14 5DU United Kingdom
<http://www.rsrltd.com>

E-mail: info@rsrltd.com

Tel: +44 (0) 29 2068 9299
Fax: +44 (0) 29 2075 7770

©RSR Limited All Rights Reserved
8th April 2021
RSR rhGAD65 Rev1