

Recombinant Human RRAD

Cat. No. RRAD-30772TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human RRAD with an N terminal proprietary tag; Predicted MW 37.73kDa.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Molecular Weight	37.730kDa inclusive of tags
Tissue specificity	Most abundantly expressed in the heart. Also found in the skeletal muscle and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	VYKVLLLGAPGVGKSALARIFGGVEDGPEAEAAGHTYDRS IVVDGEEASLMVYDIW

 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

acids EQDGGRWLPGHCMAMGDAYVIVYS VTDKGSFEKASELRVQLRRARQTDDVPIIL

Sequence
Similarities Belongs to the small GTPase superfamily. RGK family.

GENE INFORMATION

Gene Name RRAD Ras-related associated with diabetes [Homo sapiens]

Official Symbol RRAD

Synonyms RRAD; Ras-related associated with diabetes; GTP-binding protein RAD; RAD; REM3;

Gene ID 6236

mRNA Refseq NM_001128850

Protein Refseq NP_001122322

MIM 179503

Uniprot ID P55042

Chromosome Location 16q22

Pathway Insulin Signaling, organism-specific biosystem;

Function GTP binding; GTPase activity; calmodulin binding; nucleotide binding; protein binding;

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