

Recombinant Full Length Human GRB7 Protein, GST-tagged

Cat. No. GRB7-5591HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GRB7 full-length ORF (NP_001025173.1, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	532 amino acids
Description	The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Alternative splicing results in multiple transcript variants encoding different isoforms, although the full-length natures of only two of the variants have been determined to date. [provided by RefSeq]
Molecular Mass	86.1 kDa
AA Sequence	MELDLSPPHLSSSPEDLCPAPGTPPGTPRPPDTPLPEEVKRSQPLLIPTTGRKLREE ERRATSLPSIPNPFPELCSPPSQSPILGGPSSARGLLPRDASRPHVVKVYSEDGACR SVEVAAGATARHVCLEMLVQRAHALSDETWGLVECHPHLALERGLDHESVVEVQA AWPVGGDSRFVFRKNFAKYELFKSSPHSLFPEKMOVSSCLDAHTGISHEDLIQNFLNA GSFPEIQGFLQLRGSGRKLWKRFFCFLRRSGLYYSTKGTSKDPRHLQYVADVNESN

 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

VYVVTQGRKLYGMPTDFGFCVKPNKLRNGHKGLRIFCSEDEQSRTCWLAAFRLFY
 GVQLYKNYQQAQSRHLHPSCCLGSPPLRSASDNTLVAMDFSGHAGRVIENPREALSV
 ALEEAQAWRKKTNRHLSLPMPASGTLSAAIHRTQLWFHGRISREESQRLIGQQGL
 VDGLFLVRESQRNPQGFVLSLCHLQKVKHYLILPSEEEGRLYFSMDDGQTRFTDLLQ
 LVEFHQLNRGILPCLLRHCCTRVAL

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
[GRB7 growth factor receptor-bound protein 7 \[Homo sapiens \]](#)

Official Symbol
[GRB7](#)

Synonyms
 GRB7; growth factor receptor-bound protein 7; B47; GRB7 adapter protein; epidermal growth factor receptor GRB-7;

Gene ID
[2886](#)

mRNA Refseq
[NM_001030002](#)

Protein Refseq
[NP_001025173](#)

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MIM	601522
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UniProt ID	Q14451
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