

Recombinant Full Length Human GRB7 Protein

Cat. No. GRB7-206HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GRB7 with N terminal proprietary tag; Predicted MW 84.59 kDa.
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). Several transcript variants encoding two different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	84.590kDa inclusive of tags
AA Sequence	MELDLSPPHLSSSPEDLCPAPGTPPGTPRPPDTPLPEEVK RSQPLLIPTTGRKLREE ERRATSLPSIPNPFPELCSPPSQ SPILGGPSSARGLLPRDASRPHVVKVYSEDGAC RSVEVAA GATARHVCCEMLVQRAHALSDETWGLVECHPHLALERGLD HESVVEV QAAWPVGGDSRFVFRKNFAKYELFKSSPHSLFP EKMVSSCLDAHTGISHEDLIQNF

 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

LNAGSFPEIQGFLQLRG SGRKLWKRFFCFLRRSGLYYSTKGTSKDPRHLQYVADV
 E SNVYVVTQGRKLYGMPTDFGFCVKNKLRNGHKGLRIFCS EDEQSRTCWLAAFR
 LFKYGVQLYKNYQQAQSRHLHPSCLG SPPLRSASDNTLVAMDFSGHAGRVIENPR
 EALSVALEEAQ AWRKKTNRHLSLPMPASGTSLSAAIHRTLWFHGRISREE SQRLI
 GQQGLVDGLFLVRESQRNPQGFVLSLCHLQKVHY LILPSEEEGRLYFSMDDGQT
 RFTDLLQLVEFHQLNRGILP CLLRHCCTRVAL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name GRB7 growth factor receptor-bound protein 7 [Homo sapiens]

Official Symbol GRB7

Synonyms GRB7; growth factor receptor-bound protein 7

Gene ID 2886

mRNA Refseq NM_001030002

Protein Refseq NP_001025173

MIM 601522

UniProt ID Q14451

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