

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	MELDLSPPHLSSSPEDLCPAPGTPPGTTPRPPDTPLPEEVK RSQPLLIPTTGRKLREE ERRATSLPSIPNPFPELCSPPSQ SPILGGPSSARGLLPRDASRPHVVKVYSEDGAC RSVEVAA GATARHVCEMLVQRAHALSDETWGLVECHPHLALERGLD HESVVEV QAAWPVGGDSRFVFRKNFAKYELFKSSPHSLFP EKMVSSCLDAHTGISHEDLIQNF

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LNAGSFPEIQGFLQLRG SGRKLWKRFFCFLRRSGLYYSTKGTSKDPRHLQYVADV
 E SNVYVVTQGRKLYGMPTDFGFCVKNKLRNGHKGLRIFCS EDEQSRTCWLAADR
 LFKYGVQLYKNYQQAQSRHLHPSCLG SPPLRSASDNTLVAMDFSGHAGRVIENPR
 EALSVALEEAQ AWRKKTNRHLSLPMPASGTSLSAAIHRTQLWFHGRISREE SQRLI
 GQQGLVDGLFLVRESQRNPQGFVLSLCHLQVKVHY 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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