

Product datasheet for PH300330

GRB7 (NM_001030002) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GRB7 MS Standard C13 and N15-labeled recombinant protein (NP_001025173)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200330
Predicted MW:	59.7 kDa
Protein Sequence:	>RC200330 protein sequence Red=Cloning site Green=Tags(s)

MELDLSPPHLSSSPEDLCPAGTPPGTPRPPDTPLPPEVKRSQPLLIPTTGRKLREEERRATSLPSIPNP
FPELCSPPSQSPILGGPSSARGLLPRDASRPHVVKVYSEDGACRSVEVAAGATARHVCEMLVQRAHALSD
ETWGLVECHPHLALERGLDHEVVEVQAAWPVGGDSRFVFRKNFAKYELFKSSPHSLFPEKMOVSSCLDA
HTGISHEDLIQNFLNAGSFPEIQGFLQLRGSGRKLWKRFFCFLRRSGLYYSTKGTSKDPRHLQYVADVNE
SNVYVVTQGRKLYGMPTDFGFCVKNKLRNGHKGLRIFCSEDEQSRTCWLAARLKFYGVQLYKNYQQAQ
SRHLHPSCLGSPPLRSASDNTLVAMDFSGHAGRVINPREALSVALEEAQAWRKKTNHRLSLPMPASGTS
LSAAIHRTQLWFHGRISREESQRLIGQQGLVDGLFLVRESQRNPQGFVLSLCHLQKVKHYLILPSEEEGR
LYFSMDDGQTRFTDLLQLVEFHQLNRGILPCLLRHCCTRAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001025173</u>
RefSeq Size:	2130
RefSeq ORF:	1596



[View online »](#)

Locus ID: 2886

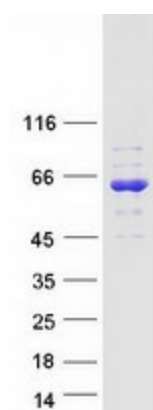
UniProt ID: [Q14451](#), [A0A0S2Z4F6](#)

Cytogenetics: 17q12

Summary: 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. [provided by RefSeq, Jun 2011]

Protein Families: Druggable Genome, Embryonic stem cells, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified GRB7 protein (Cat# [TP300330]). The protein was produced from HEK293T cells transfected with GRB7 cDNA clone (Cat# [RC200330]) using MegaTran 2.0 (Cat# [TT210002]).