Datasheet for ABIN6699918

GRB7 Protein (GST tag)

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Overview

Quantity:	20 µg
Target:	GRB7
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRB7 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	GRB7 recombinant protein-GST fusion protein
Purification:	Recombinant full-length human GRB7 was expressed by E.coli cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >90% by densitometry.
Purity:	>90%

Target Details

Target:	GRB7
Alternative Name:	GRB7 (GRB7 Products)
Background:	Synonyms: B47, Growth factor receptor-bound protein 7, Epidermal growth factor receptor GRB-7, GRB7 adapter protein Background: GRB7 or growth factor receptor-bound protein 7 belongs to a small family of

Target Details

	adapter proteins which interact with a number of receptor tyrosine kinases and signaling molecules. GRB7 encodes a growth factor receptor-binding protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. GRB7 is highly expressed in liver and kidney (1). GRB7 isoforms are involved in cell invasion and metastatic progression of human esophageal carcinomas (2). GRB7 plays an important role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). GRB7 Protein is ideal for investigators involved in Signaling Proteins, Adaptor Proteins, Angiogenesis, Apoptosis/Autophagy, Cancer, Cardiovascular Disease, ERK/MAPK Pathway, Invasion/Metastasis, JAK/STAT Pathway, and Neurobiology research.
NCBI Accession:	NM_001030002
Pathways:	EGFR Signaling Pathway, Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Western_Blot_Dilution: User Optimized Application_Note: GRB7 Protein is suitable for use in Western Blot. Expect a band approximately ~91 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 µg/µL
Buffer:	GRB7 Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.
Storage:	-80 °C
Storage Comment:	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiry Date:	12 months