



Recombinant Human Growth factor receptor-bound protein 7 (GRB7)

Product Code	CSB-EP009890HU-B
Abbreviation	GRB7
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q14451
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MELDLSPPHL SSSPEDLCPA PGTPPGTPRP PDTPLPEEVK RSQPLLIPTT GRKLREEERR ATSLPSIPNP FPELCSPPSQ SPILGGPSSA RGLLPRDASR PHVVKVYSED GACRSVEVAA GATARHVCEM LVQRAHALSD ETWGLVECHP HLALERGLED HESVVEVQAA WPVGGDSRFV FRKNFAKYEL FKSSPHSLFP EKMVSSCLDA HTGISHEDLI QNFLNAGSFP EIQGFLQLRG SGRKLWKRFF CFLRRSGLYY STKGTSK DPR HLQYVADVNE SNVYVVTQGR KLYGMPTDFG FCVKPNKLRN GHKGLRIFCS EDEQSRTCWL AAFRLFYGV QLYKNYQQAQ SRHLHPSCLG SPPLRSASDN TLVAMDFSGH AGRVIENPRE ALSVALEEAQ AWRKKTNHRL SLPMPASGTS LSAAIHRTQL WFHGRISREE SQRLIGQQGL VDGLFLVRES QRNPQGFVLS LCHLQVKHY LILPSEEEGR LYFSMDDGQT RFTDLLQLVE FHQLNRGILP CLLRHCCTRV AL
Source	E.coli
Target Names	GRB7
Protein Names	Recommended name: Growth factor receptor-bound protein 7 Alternative name(s): B47 Epidermal growth factor receptor GRB-7 GRB7 adapter protein
Expression Region	1-532
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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 nature of



only two of the variants have been determined to date.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.