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32-8061: Recombinant Human Growth Factor Receptor-Bound Protein 2/GRB2/ASH (C-6His)

Gene : GRB2
Gene ID : 2885
Uniprot ID : P62993

Description

Source: E.coli.
MW :26.3kD.
Recombinant Human GRB2 is produced by our E.coli expression system and the target gene encoding Met1-Val217 is expressed with a 6His tag at the C-terminus. As an adaptor protein, Growth Factor Receptor-Bound Protein 2 (GRB2) is involved in siganl transduction and consists of a central SH2 domain flanked by two SH3 domains. GRB2 associates with activated Tyr-phosphorylated EGF receptor/EGFR and PDGF receptors via its SH2 domain, stimulating GTP binding to Ras, which in turn activates MAPK and other signaling pathway.It also associates to other cellular Tyr-phosphorylated proteins such as SIT1, IRS1, IRS4, SHC and LNK. probably via the concerted action of both its SH2 and SH3 domains.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MEAIAKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIPKNYIEMKPHPWFFGKIPRAKAEEML SKQRHDGAFLIRESESAPGDFSLSVKFGNDVQHFKVLRDGAGKYFLWVVKFNSLNELVDYHRSTSVSRNQQIF LRDIEQVPQQPTYVQALFDFDPQEDGELGFRRGDFIHVMDNSDPNWWKGACHGQTGMFPRNYVTPVNRNVL EHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.