

**GRB2, 1-217 aa, Human, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP02331**

3th Edition

**Synonyms:**Growth factor receptor-bound protein 2 isoform 1, ASH, EGFRBP-GRB2, GRB3-3

**Description:**Growth factor receptor-bound protein 2 also known as Grb2 is an adaptor protein that provides a critical link between cell surface growth factor receptors and the Ras signaling pathway. GRB2 is widely expressed and also binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Grb2 is composed of an SH2 domain flanked on each side by an SH3 domain.

**Form:**Liquid. In 20mM Tris-HCl (pH8.0) buffer containing 30% glycerol

**Molecular Weight:**27 kDa (237 aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMEIAIKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIKPNYIEMK  
PHPWFFGKIPRAKAEEMLSKQRHDGAFLIRESESAPGDFSLSVKFGNDVQHFVLRDVGAGKYFLWVVKFNSLNEL  
VDYHRSTSVSRNQQIFLRDIEQVPQQPTYVQALFDFDPQEDGELGFRRGDFIHVMDNSDPNWWKGACHGQTGMF  
PRNYVTPVNRNV

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.