

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

**Cat.NO.: TP05676**

3th Edition

**Synonyms:**Growth Factor Receptor-Bound Protein 2; Adapter Protein GRB2; Protein Ash; SH2/SH3 Adapter GRB2; GRB2; ASH

**Description:**As an adaptor protein, Growth Factor Receptor-Bound Protein 2 (GRB2) is involved in signal 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.

**Form:**PBS

**Molecular Weight:**26.3 kDa

**Sequences:**Met 1-Val217

**Purity:**> 95% by HPLC

**Concentration:**

**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.