

Growth Factor Receptor-Bound Protein 2 Human Recombinant

| | |
|--|---|
| Item Number | rAP-4422 |
| Synonyms | ASH, Grb3-3, MST084, MSTP084, EGFRBP-GRB2, GRB2, Growth factor receptor-bound protein 2, Adapter protein GRB2, SH2/SH3 adapter GRB2, Protein Ash. |
| Description | GRB2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 237 amino acids (1-217 a.a.) and having a molecular mass of 27 kDa. GRB2 is expressed with a 20 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P62993 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MEAIKYDFK ATADDELSFK RGDILKVLNE ECDQNWYKAE LNGKDG-FIPK NYIEMKPHPW FFGKIPRAKA EEMLSKQRHD GAFLIRESES APGDFSLSVK FGNDVQHFKV LRDGAGKYFL WVVKFNSLNE LVDYHRSTSV SRNQQIFLRD IEQVPQQPTY VQALFDFDPQ EDGELGFRRG DFIHVMDNSD PNWWKGACHG QTGMFPRNYV TPVNRNV. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | The GRB2 protein solution contains 20mM Tris-HCl, pH-8 and 30% glycerol. Greater than 95.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**