

# Product datasheet for TP720535M

### GRB2 (NM\_002086) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of human growth factor receptor-bound protein 2 (GRB2), transcript variant 1 Species: Human **Expression Host:** E. coli **Expression cDNA Clone** Met1-Val217 or AA Sequence: C-His Tag: Predicted MW: 26.3 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test **Reconstitution Method:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Storage: Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling Stability: conditions. NP 002077 RefSeq: Locus ID: 2885 **UniProt ID:** P62993, B0LPF3 Cytogenetics: 17q25.1 Synonyms: ASH; EGFRBP-GRB2; Grb3-3; MST084; MSTP084; NCKAP2



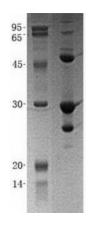
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	2 (NM_002086) Human Recombinant Protein – TP720535M
Summary:	The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of C.elegans, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Acute myeloid leukemia, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Colorectal cancer, Dorso-ventral axis formation, Endometrial cancer, ErbB signaling pathway, Fc epsilon RI signaling pathway, Focal adhesion, Gap junction, Glioma, GnRH signaling pathway, Insulin signaling pathway, Jak-STAT signaling pathway, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Non-small cell lung cancer, Pathways in cancer, Prostate cancer, Renal cell carcinoma, T cell receptor signaling pathway

## Product images:



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