

## Product datasheet for **TP503344**

### Fam83a (NM\_173862) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse family with sequence similarity 83, member A (Fam83a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR203344 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSRSRHVGGKIRKRLQVKNQWTRPARADFSNARLATDALLDGGPEAYWRALSQEGEVDFLSSAEQY  
IQAQAKEPPDAPDSAGGAESGPRGLDSCSLQSGTYFPVASEGSEPALHTWTLAEKPYLKEKSSATIFYQ  
MDKHNNIRDLVRRRCISRASQVLAILMDVFTDVEILCDILEAANKRGVFCVLLDQAGVKLFQEMCDKVQI  
SDIHLKNISIRSVEGEVYCAKSGRKFAGQIQEKFIISDWRFVLSGSYR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 28.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_776287](#)

**Locus ID:** 239463

**UniProt ID:** [Q8K2P2](#)

**RefSeq Size:** 2089



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Cytogenetics: 15 D1

RefSeq ORF: 777

Synonyms: MGC40696

**Summary:** Probable proto-oncogene that functions in the epidermal growth factor receptor/EGFR signaling pathway. Activates both RAS/MAPK and PI3K/AKT/TOR signaling cascades downstream of EGFR. Required for the RAS/MAPK signaling cascade activation upon EGFR stimulation, it also activates both signaling cascades independently of EGFR activation. [UniProtKB/Swiss-Prot Function]