

## Product datasheet for **TP308565L**

### **FAM83A (NM\_032899) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human family with sequence similarity 83, member A (FAM83A), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC208565 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSRSRHLGKIRKRLLEDVKSQWVRPARADFSDNESARLATDALLDGGSEAYWRVLSQEGEVDFLSSVEAQY  
IQAQAREPPCPPDTLGGAEAGPKGLDSSSLQSGTYFPVASEGSEPALHLSWASAEKPYLKEKSSATVYFQ  
TVKHNNIRDLVRRCTRTSQVLVILMDVFTDVEIFCDILEAANKRGVFCVLLDQGGVKLFQEMCDKVQI  
SDSHLKNISIRSVGEIYCAKSGRKFAGQIREKFIISDWRVFLSGSYSFTWLCGHVHRNLSKFTGQAVE  
LFDEEFRHLYASSKPVMGLKSPRLVAPVPPGAAPANGRLSSSSGSASDRTSSNPFSGRSAGSHPGTRSVS  
ASSGPCSPAAPHPPPPRFQPHQGPWGAPSPQAHLSPRPHDGPAAVYSNLGAYRPTRLQLEQLGLVPRL  
TPTWRPFLQASPHF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 47.3 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

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**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.

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



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RefSeq: [NP\\_116288](#)

Locus ID: 84985

UniProt ID: [Q86UY5](#)

RefSeq Size: 4596

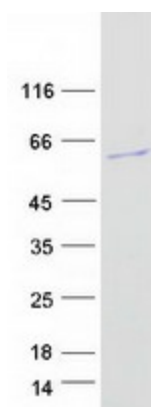
Cytogenetics: 8q24.13

RefSeq ORF: 1302

Synonyms: BJ-TSA-9

**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]

### Product images:



Coomassie blue staining of purified FAM83A protein (Cat# [TP308565]). The protein was produced from HEK293T cells transfected with FAM83A cDNA clone (Cat# [RC208565]) using MegaTran 2.0 (Cat# [TT210002]).