

## Product datasheet for TP506880

### Rusc1 (NM\_028188) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse RUN and SH3 domain containing 1 (Rusc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR206880 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAEAQSGTGQLQEKKGLLIAVSASVDKIISHFGAARNLVQKAQLGDSRLSPDVGHLVLTTLCPALHALV  
ADGLKPRKDLITGQRRSSPWSVVEASVKPGSCTHSMGSLYSQVSRAPLSSSRSRFHAFILGLLNTKQL  
ELWFSSLQEDAGLLSLLYLPTGFFSLARGSCPSLATELLLLLQPLSVLTFHLDLLFEHHHHLVPVGLQQAP  
APSCPPPALQQTMQAVLHWGERLAQSLRGTSGESTTDSSTPSARPPAGSWWDQLTQASRVYASGGTEGFP  
LLRWGPRRHGTTAEAAQEAPPTEQTTPGRSVWLGRVFGVPGCPSETESGAFKSRPSSWLPPTVSVLAL  
VKRGTPPETPPEALVSSPGSVVQADRAVRALCDHTAAGPDQLSFQRGELLRIATVDEDWLRCGRDGVVEG  
LVPVGYTSLVL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 46.2 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\\_082464](#)

**Locus ID:** 72296



[View online »](#)

<b>UniProt ID:</b>	<u>Q8BG26</u>
<b>RefSeq Size:</b>	3799
<b>Cytogenetics:</b>	3 F1
<b>RefSeq ORF:</b>	1296
<b>Synonyms:</b>	2210403N08Rik; AA408288; NESCA
<b>Summary:</b>	Putative signaling adapter which may play a role in neuronal differentiation. May be involved in regulation of NGF-dependent neurite outgrowth. Proposed to play a role in neuronal vesicular trafficking, specifically involving pre-synaptic membrane proteins. Seems to be involved in signaling pathways that are regulated by the prolonged activation of MAPK. Can regulate the polyubiquitination of IKBKG and thus may be involved in regulation of the NF-kappa-B pathway. [UniProtKB/Swiss-Prot Function]