

## Product datasheet for **TP501533**

### **Agr2 (NM\_011783) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse anterior gradient 2 (Agr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR201533 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MEKFSVSAILLVLAISGTLAKDTTVKSGAKKDPKDSRPKLPQTLSRGWGDQLIWTQTYEEALYRSKTSNR PLMVIHHLDECPHSQALKKVFAEHKEIQKLAEQFVLLNLVYETTDKHLSPDGQYVPRIVFVDPSLTVRAD ITGRYSNRLYAYEPSDTALLYDNMKKALKLLKTEL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	19.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_035913</a>
<b>Locus ID:</b>	23795
<b>UniProt ID:</b>	<a href="#">O88312</a>
<b>RefSeq Size:</b>	760
<b>Cytogenetics:</b>	12 A3



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RefSeq ORF: 528

Synonyms: Agr2h; Gob-4; HAG-2; mAG-2; XAG-2

Summary: Required for MUC2 post-transcriptional synthesis and secretion. May play a role in the production of mucus by intestinal cells. Proto-oncogene that may play a role in cell migration, cell differentiation and cell growth (By similarity). Promotes cell adhesion (By similarity). [UniProtKB/Swiss-Prot Function]