

# **Product datasheet for TP700189**

### P2X2 (P2RX2) (NM\_170682) Human Recombinant Protein

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human purinergic receptor P2X, ligand-gated ion channel, 2 (P2RX2), V60L mutant of transcript variant 1, 20 ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC216207 with G178C and A180G mutations, encoding the mutant form (V60L) of human P2RX2
Tag:	C-Myc/DDK
Predicted MW:	51.6 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.
Storage: Stability:	Store at -80°C. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
•	Stable for 12 months from the date of receipt of the product under proper storage and
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Stability: RefSeq:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_733782</u>
Stability: RefSeq: Locus ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_733782</u> 22953
Stability: RefSeq: Locus ID: UniProt ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_733782</u> 22953 <u>Q9UBL9, Q32MC3</u>
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_733782</u> 22953 <u>Q9UBL9, Q32MC3</u> 1830
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size: Cytogenetics:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_733782</u> 22953 <u>Q9UBL9, Q32MC3</u> 1830 12q24.33



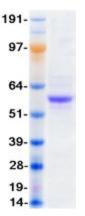
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	P2X2 (P2RX2) (NM_170682) Human Recombinant Protein – TP700189
Summary:	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2013]
Protein Families Protein Pathway	

## Product images:



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