Recombinant Mouse P2RX4 Protein (55-338 aa), His-SUMO-tagged

Cat. No. P2RX4-2736M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse P2RX4 Protein (55-338 aa) is produced by in vitro E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Extracellular Domain.
Species	Mouse
Source	E.coli
ProteinLength	55-338 aa
Description	Receptor for ATP that acts as a ligand-gated ion channel. This receptor is insensitive to the antagonists PPADS and suramin (By similarity).
Form	Tris-based buffer,50% glycerol
Molecular Mass	47.5 kDa
AA Sequence	QETDSVVSSVTTKAKGVAVTNTSQLGFRIWDVADYVVPAQEENSLFIMTNMIVTVNQ TQGTCPEIPDKTSICDSDANCTLGSSDTHSSGIGTGRCVPFNASVKTCEVAAWCPVE NDAGVPTPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTSYLKSCIYNARTDPFC PIFRLGQIVADAGHSFQEMAVEGGIMGIQIKWDCNLDRAASHCLPRYSFRRLDTRDL EHNVSPGYNFRFAKYYRDLAGNEQRTLTKAYGIRFDIIVFGKAGKFDIIPTMIN
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	P2rx4 purinergic receptor P2X, ligand-gated ion channel 4 [Mus musculus]
Official Symbol	P2RX4
Synonyms	P2RX4; P2X purinoceptor 4; ATP receptor; ionotropic purinergic receptor; P2X4; AI504491; AW555605; D5Ertd444e;
Gene ID	18438
mRNA Refseq	NM_011026
Protein Refseq	NP_035156
UniProt ID	Q9JJX6

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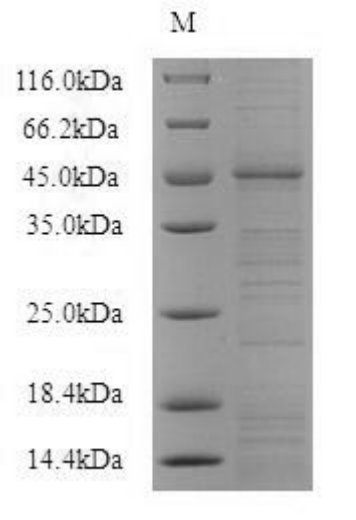

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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