

HDFP791

Product Information

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|---------------------|---------|-------------------------|------------------|--------------|------|
| Product SKU: | HDFP791 | Expression Host: | HEK293 | Size: | 10µg |
| Target: | P2RX7 | Tag: | C-Flag&Strep Tag | | |

Additional Information

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|--------------------------|--|--------------------|--------|
| Conjugate: | Unconjugated | Uniprot ID: | Q99572 |
| Molecular Weight: | The human full length P2RX7-Strep protein has a MW of 68.4 kDa | | |

Protein Information

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|-----------------------------|---|
| Background: | The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants have been identified, most of which fit nonsense-mediated decay (NMD) criteria. [provided by RefSeq, Jul 2010] |
| Synonyms: | P2X7 |
| Protein Description: | Human P2RX7-Strep full length protein-synthetic nanodisc |
| Formulation: | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| Protein Pathways: | Calcium signaling pathway, Neuroactive ligand-receptor interaction. |
| Protein Families: | Druggable Genome, Ion Channels: ATP Receptors, Transmembrane. |
| Usage: | Research use only |

Contact Details | Dublin, Ireland

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Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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