

PRODUCT INFORMATION

Target5HT3A	
Synonyms 5-HT-3, 5-HT3A, 5-HT3R, 5HT3R, HTR3	
Description Human 5HT3A full length protein-synthetic nanodisc	Κ.,
Delivery 6~8weeks	
Uniprot ID P46098	
Expression Host HEK293	
Protein Families Ion Channels: Cys-loop Receptors	
Protein Pathways N/A	
Molecular Weight The human full length 5HT3A protein has a MW of 55.3kDa	
Formulation & ReconstitutionLyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before 	
Storage & Shipping Storage & Shipping Storage & Shipping Storage & Shipping Storage & Shipping Storage & Shipping Storage & Shipping Store at -20°C to -80°C for 12 months in Iyophilized 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.	
BackgroundThe product of this gene belongs to the ligand- gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5- hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]	
Usage Research use only	
Conjugate Unconjugated	

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