

HTR3E

Human 5-Hydroxytryptamin (serotonin) receptor 3AE

Catalog No.	CSH0007MP CSH0007PR	Quantity:	10 mg 50 µg
Alternate Names:	5-HT3-E, Serotonin Receptor 3E		
Description:	<p>HTR3E is one of the several different ligand-gated ion channel receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a hormone, a neurotransmitter, and a mitogen. It is a cation-specific, but otherwise relatively non-selective ion channel that, when activated, causes fast depolarizing responses in neurons. A functional channel may be composed of five identical 5-HT3A subunits (homopentameric) or a mixture of 5-HT3A and one of the other four 5-HT3B, 5-HT3C, 5-HT3D, or 5-HT3E subunits (heteropentameric). It appears that only the 5-HT3A subunits form functional homopentameric channels. All other subunit subtypes must heteropentamerize with 5-HT3A subunits to form functional channels.</p> <p>The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.</p>		
Gene ID:	285242		
UniProtKB:	A5X5Y0		
Format:	Cell line, membrane preparation, or purified protein		
Source:	HEK 293 or CHO cells		
Characterization:	Expression of receptor was verified by immunostaining. Receptor demonstrates biological activity when tested in a radioligand assay.		
Affinity Tag Options:	Receptor construct: HTR3A is FLAG-tagged, HTR3E is TwinStrep-Tagged.		

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