

Recombinant Full Length Drosophila Melanogaster 5-Hydroxytryptamine Receptor 2B(5-Ht1B) Protein, His-Tagged

Cat. No. RFL12960DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Drosophila melanogaster 5-hydroxytryptamine receptor 2B(5-HT1B) Protein (P28286) (1-617aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Drosophila melanogaster (Fruit fly)
Source	E.coli
ProteinLength	Full Length (1-617)
Form	Lyophilized powder
AA Sequence	MLKTVTTAMAAGDDDVPASILEIELPAILLNESLFIELNGNLTQLVDTTSNLSQIVWNR S INGNNSNTFDLVDDEQERAAVEFWLLVKMIAMAVVLGLMILVTIIGNVFVIAAILER N LQNVANYLVASLAVADLFVACLVMPLGAVYEISNGWILGPELCDIWTSCDVLCCCTA SILH LVAIAADRYWTVTNIDYNNLRTPRRVFLMIFCVWFAALIVSLAPQFGWKDPDY MKRIEEQ HCMVSQDVG YQIFATCCTFYVPLLVLFLYWKIYIIARKRIQRRRAQKSFNVT LTETDCDS AVRELKKERSKRRAERKRLEAGERTPVDGDGTGGQLQRRTRKRMRIC FGRNTNTANVVAG SEGAVARSMAAIAVDFASLAITREETEFSTSNYDNKSHAGTELT TVSSDADDYRTSNANE IITLSQQVAHATQHHLIASHLNAITPLAQSIAMGGVGCLTTT TPSEKALSGAGTVAGAVA GSGSGSGSGEAGTEGKNAGVGLGGVVLASIANPHQKL AKRRQLLEAKRERKAAQTLAIT GAFVICWLPFFVMALTMSLCKECEIHTAVASLFLW LGYFNSTLNPVIYTIFNPEFRRAFK RILFGRKAAARARSAKI

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	5-HT1B
Synonyms	5-HT1B; 5HT-R2B; CG15113; 5-hydroxytryptamine receptor 2B; 5-HT receptor 2B; 5-hydroxytryptamine receptor 1B; 5-HT receptor 1B; Serotonin receptor 1B; Serotonin receptor 2B
UniProt ID	P28286

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