Recombinant Full Length Human Melatonin-Related Receptor(Gpr50) Protein, His-Tagged

Cat. No. RFL30550HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Melatonin-related receptor(GPR50) Protein (Q13585) (1-617aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-617)
Form	Lyophilized powder
AA Sequence	MGPTLAVPTPYGCIGCKLPQPEYPPALIIFMFCAMVITIVVDLIGNSMVILAVTKNKKLR NSGNIFVVSLSVADMLVAIYPYPLMLHAMSIGGWDLSQLQCQMVGFITGLSVVGSIF NIV AIAINRYCYICHSLQYERIFSVRNTCIYLVITWIMTVLAVLPNMYIGTIEYDPRTYTC IF NYLNNPVFTVTIVCIHFVLPLLIVGFCYVRIWTKVLAARDPAGQNPDNQLAEVRNFL TMF VIFLLFAVCWCPINVLTVLVAVSPKEMAGKIPNWLYLAAYFIAYFNSCLNAVIYGL LNEN FRREYWTIFHAMRHPIIFFSGLISDIREMQEARTLARARAHARDQAREQDRAH ACPAVEE TPMNVRNVPLPGDAAAGHPDRASGHPKPHSRSSSAYRKSASTHHKSVF SHSKAASGHLKP VSGHSKPASGHPKSATVYPKPASVHFKADSVHFKGDSVHFKPD SVHFKPASSNPKPITGH HVSAGSHSKSAFSAATSHPKPTTGHIKPATSHAEPTTADY PKPATTSHPKPTAADNPELS ASHCPEIPAIAHPVSDDSDLPESASSPAAGPTKPAAS QLESDTIADLPDPTVVTTSTNDY HDVVVIDVEDDPDEMAV
Purity	Greater than 90% as determined by SDS-PAGE.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	GPR50
Synonyms	GPR50; Melatonin-related receptor; G protein-coupled receptor 50; H9
UniProt ID	Q13585

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