

Recombinant Human HTT protein, His-tagged

Cat. No. HTT-3873H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HTT protein(2845-3000 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2845-3000 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LDVGPEFSASIIQMCGVMLSGSEESTPSIIYHCALRGLERLLLSEQLSRLDAESLVKLS VDRNVVHSPHRAMAALGLMLTTCMYTGKEKVSPGRTSDPNPAAPDSESIVAMERV SVLFDRIKRGFPCEARVVARILPQFLDDFFPPQDIMNKVIGE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name HTT huntingtin [Homo sapiens]

Official Symbol HTT

Synonyms HTT; huntingtin; HD, huntingtin (Huntington disease); IT15; huntington disease protein; HD;

Gene ID 3064

mRNA Refseq NM_002111

Protein Refseq NP_002102

MIM 613004

UniProt ID P42858

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