

Recombinant Human DRD3 protein, His-tagged

Cat. No. DRD3-2945H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DRD3 protein, fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
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	MVLKQRRRKILTRQNSQCNSVRPGFPQQTLSPDPAHLELKRYYSICQDTALGGPG FQERGGELKREEKTRNSLSPTIAPKLSLEVRKLSNGRLSTSLKLGPLQPRGVPLREK KATQ
Purity	85%, 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. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	DRD3 dopamine receptor D3 [Homo sapiens]
Official Symbol	DRD3
Synonyms	DRD3; dopamine receptor D3; D(3) dopamine receptor; essential tremor 1; dopamine D3 receptor; D3DR; ETM1; FET1; MGC149204; MGC149205;
Gene ID	1814
mRNA Refseq	NM_000796
Protein Refseq	NP_000787
MIM	126451
UniProt ID	P35462

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