

Recombinant Human DRD1 protein, GST-tagged

Cat. No. DRD1-3647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DRD1 protein(338-446 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	338-446 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	RKAFSTLLGCYRLCPATNNAIETVSINNNGAAMFSSHHEPRGSISKECNLVYLIPHAV GSSEDLKKEEAAGIARPLEKLSPALSVILDYDTDVSLEKIQPITQNGQHPT
Purity	95%, 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 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

storage.

GENE INFORMATION

Gene Name	DRD1 dopamine receptor D1 [Homo sapiens]
Official Symbol	DRD1
Synonyms	DRD1; dopamine receptor D1; D(1A) dopamine receptor; dopamine D1 receptor; DADR; DRD1A;
Gene ID	1812
mRNA Refseq	NM_000794
Protein Refseq	NP_000785
MIM	126449
UniProt ID	P21728

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