

Recombinant Human CYP19A1 protein, GST-tagged

Cat. No. CYP19A1-300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP19A1 protein(NP_000094)(241-400 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	241-400 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	YKKYEKSVKDLKDAIEVLIAEKRRRISTEEKLEECMDFATELILAEKRGDLTRENVNQC ILEMLIAAPDTMSVSLFFMLFLIAKHNPVEEAIKEIQTVIGERDIKIDDIQKLKVMENFIY ESMRYQPVVLDLVMRKALEDDVIDGYPVKKGTNIILNIGR
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 µg/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 (see Stability and Storage for more details).

GENE INFORMATION

Gene Name	CYP19A1 cytochrome P450 family 19 subfamily A member 1 [Homo sapiens (human)]
Official Symbol	CYP19A1
Synonyms	ARO; ARO1; CPV1; CYAR; CYP19; CYPXIX; P-450AROM
Gene ID	1588
mRNA Refseq	NM_000103.4
Protein Refseq	NP_000094
MIM	107910
UniProt ID	P11511

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SDS-PAGE



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