

Recombinant Human CYP19A1 protein, His-tagged

Cat. No. CYP19A1-302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP19A1 protein(NP_000094)(1-181 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-181 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	MVLEMLNPIHYNITSIVPEAMPAATMPVLLLTGLFLLVWNYEGTSSIPGPGYCMGIGP LISHGRFLWMGIGSACNYYNRVYGEFMRVWISGEETLIISKSSSMFHIMKHNHYSSR FGSKLGLQCIGMHEKGIIFNNNP _{ELWKTTRPFFMKALSGPGLVRMVTVCAESLKTHL}
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.

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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 (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

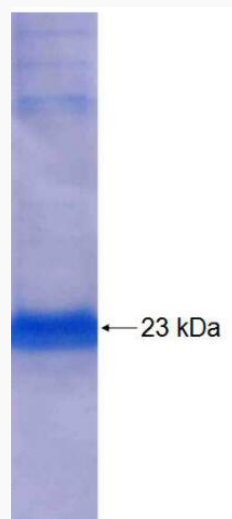
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SDS-PAGE



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