

**Human Cytochrome P450 19A1 (a.a.2–503)**

Swiss-Prot #	P11511
Protein names	Cytochrome P450 19A1 (EC 1.14.14.1) (CYPXIX) (Aromatase) (Estrogen synthetase) (Cytochrome P-450AROM)
Gene names	CYP19A1 (ARO1) (CYAR) (CYP19)
Organism	Human

Codon optimized cDNA Clone

cDNA Cat# PEP-0788

Description Applications:1. Codon-optimized cDNA sequence designed for recombinant protein production in both E.coli and Mammalian cell. The cDNA has been cloned into E.coli expression vector with 6x Histidine at N-terminus. 2. May be used as RNAi assistance to restore the loss-of-function.

Tag A 6x histidine tag

Formulation Liquid

Storage -20° to -70° C. Avoid repeated freeze-thaw cycles.

Recombinant Protein

Protein Cat# PE-0788

Source Recombinant protein derived from E.coli. Or plant cell

Tag A 6x histidine tag

Formulation Liquid

Purity > 90%, as determined by SDS-PAGE under reducing conditions

Activity N/A

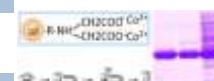
Applications Western Blot, ELISA or may be used for other applications determined by user

Storage -20° to -70° C. Avoid repeated freeze-thaw cycles.

Sequence MVLEMLNPIHYNITSIVPEAMPAATMPVLLLTGLFLLVWNYEGTSSIPGPGYCMGIGPLISHGRFLWMGIGSACNYNRYVGEFMRVWISGEETLIISKSSSMFHIMKHNYSSRFSGSLGLQCIGMHEKGIIIFNNPELWKTRPFFMKALSGPGLV
RMVTVCAESLKTDLRLLEEVNTESGYVDVLTLLRRVMDTSNTLFLRIPLDESAIVVKIQGYFDWQALLIKPDIFFKI
SWLYKYEKSVKDLKDAIEVLIAEKRRRISTEELKEECMDFATELILAEKRGDLTRENVNQCILEMLIAAPDTMSVSLF
FMLFLIAKHPNVEEAIKEIQTVIGERDIKIDDIQKLKVMENFIYESMRYQPVVDLVMRKALEDDVIDGYPVKKGTNII
LNIGRMHRLFEFFPKPNEFTLENFAKNVPYRYQPFQFGPRGCAGKYIAMVMMKAILVTLRRFHVKTLLQGQCVEISQKI
HDLSLHPDETKNMLEMIFTPRNSDRCLEH

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