



Recombinant Rat Aromatase (Cyp19a1)

Product Code	CSB-YP006394RA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P22443
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MFLEMLNPMH YNVTIMVPET VPVSAMPLLL IMGLLLLIRN CESSSSIPGP GYCLGIGPLI SHGRFLWMGI GSACNYYNKM YGEFMRVWIS GEETLIISKS SSMVHVMKHS NYISRFGSKR GLQCIGMHEN GIIFNNNPSL WRTVRPFFMK ALTGPGILIRM VEVCVESIKQ HLDRLGDVTD NSGYVDVVTL MRHIMLDTSN TLFLGIPLDE SSIVKKIQGY FNAWQALLIK PNIFFKISWL YRKYERSVKD LKDEIEILVE KKRQKVSSAE KLEDCMDFAT DLIFAERRGD LTKENVNQCI LEMLIAAPDT MSVTLYVMLL LIAEYPEVET AILKEIHTVV GDRDIRIGDV QNLKVVENFI NESLRYQPVV DLVMRRALED DVIDGYPVKK GTNIILNIGR MHRLEYFPKP NEFTLENFEK NVPYRYFQPF GFGPRSCAGK YIAMVMMKVV LVTLLKRFHV KTLQKRCIEN MPKNNDSLH LDEDSPIVEI IFRHIFNTPF LQCLYISL
Source	Yeast
Target Names	Cyp19a1
Protein Names	Recommended name: Aromatase EC= 1.14.14.1 Alternative name(s): Aromatase CYPXIX Cytochrome P-450AROM Estrogen synthase
Expression Region	1-508
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.