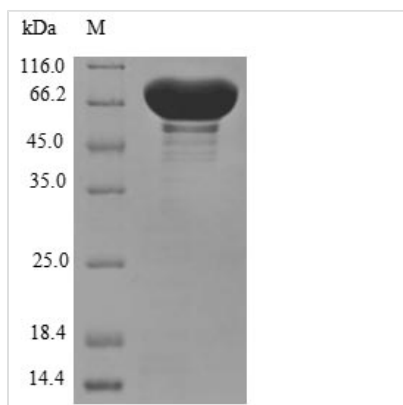


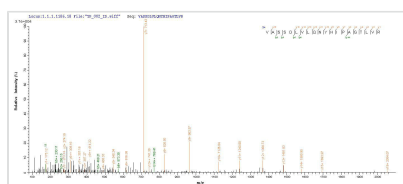


Recombinant Human Cytochrome P450 11B1, mitochondrial (CYP11B1)

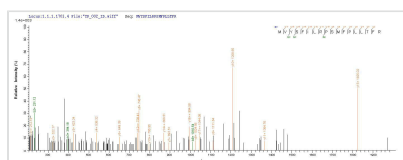
Product Code	CSB-EP006390HU
Abbreviation	Recombinant Human CYP11B1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P15538
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GTRAARVPRTVLPFEAMPRRPGNRWLRLQLIWREQGYEDLHLEVHQTFQELG PIFRYDLGGAGMVCVMLPEDVEKLQQVDSLHPHRMSLEPWVAYRQHRGHKC GVFLLNGPEWRFNRLRLNPEVLSPNAVQRFLPMVDAVARDFSQALKKKVLQN ARGSLTLDVQPSIFHYTIEASNLALFGERLGLVGHSPPSSASLNFLHALEVMFKS TVQLMFMPRSLSRWTSPKVWKEHFCAWDCIFQYGDNCIQKIYQELAFSRPQQ YTSIVAELLLNAELSPDAIKANSMEITAGSVDTTVFLLMTLFELARNPNVQQAL RQESLAAAASISEHPQKATTELP LLRAALKETLRLYPVGLFLERVASSDLVLQN YHIPAGTLVRVFLYSLGRNPALFPRPERYNPQRWLDIRGSGRNFYHVPFGFG MRQCLGRRLAEAEMLLLLHHVLKHLQVETLTQEDIKMVYSFILRPSMFPLLTFR AIN
Research Area	Cancer
Source	E.coli
Target Names	CYP11B1
Protein Names	Recommended name: Cytochrome P450 11B1, mitochondrial Alternative name(s): CYPXIB1 Cytochrome P-450c11 Short name= Cytochrome P450C11 Steroid 11-beta-hydroxylase EC= 1.14.15.4
Expression Region	25-503aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	74.9 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP006390HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) CYP11B1.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP006390HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) CYP11B1.

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.