

Recombinant Human CYP11B2 Protein (25-503 aa), His-tagged

Cat. No. CYP11B2-2190H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP11B2 Protein (25-503 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	25-503 aa
Description	Preferentially catalyzes the conversion of 11-deoxycorticosterone to aldosterone via corticosterone and 18-hydroxycorticosterone.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	57.0 kDa
AA Sequence	GTRAARAPRTVLPFEAMPQHPGNRWLRLLQIWREQGYEHLHLEMHQTFQELGPIFR YNLGGPRMVCVMLPEDVEKLQQVDSLHPCRMILEPWVAYRQHRGHKCGVFLLNGP EWRFNRLRLNPDVLSKAVQRFLPMVDAVARDFSQALKKKVLQNARGSLTLDVQPS IFHYTIEASNLALFGERLGLVGHSPPSSASLNFLHALEVMFKSTVQLMFMPRSLSRWIS PKVWKEHFCAWDCIFQYGDNCIQKIYQELAFNRPQHYTGIVAELLKAEALSLEAIKAN SMELTAGSVDTTAFPLMTLFEELARNPDVQQILRQESLAAAASISEHPQKATTELPPL RAALKETLRLYPVGLFLERVVSSDLVLQNYHIPAGTLVQVFLYSLGRNAALFPRPERY NPQRWLDIRGSGRNFHHVPFGFGMRQCLGRRLAEAEMLLLHHVLKHFLVETLTQE

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	DIKMVYSFILRPGTSPLLTFRAIN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

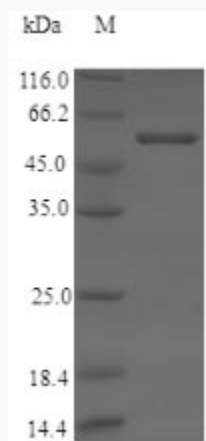
GENE INFORMATION

Gene Name	CYP11B2 cytochrome P450 family 11 subfamily B member 2 [Homo sapiens (human)]
Official Symbol	CYP11B2
Synonyms	CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo;
Gene ID	1585
mRNA Refseq	NM_000498
Protein Refseq	NP_000489
UniProt ID	P19099

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

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