



# Recombinant Human Cytochrome P450 26B1 (CYP26B1)

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| <b>Product Code</b>      | CSB-YP885700HU  |
| <b>Abbreviation</b>      | CYP26B1   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | Q9NR63  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MLFEGLDLVS ALATLAACLV SVTLLLAVSQ QLWQLRWAAT RDKSCKLPIP<br>KGSMPGFLIG ETGHWLLQGS GFQSSRREKY GNVFKTHLLG RPLIRVTGAE<br>NVRKILMGEH HLVSTEWPRS TRMLLGPNTV SNSIGDIHRN KRKVFISKIFS<br>HEALESYLPK IQLVIQDTRL AWSSHPEAIN VYQEAQKLTFRMAIRVLLGF<br>SIPEEDLGHL FEVYQQFVDN VFSLPVDLPF SGYRRGIQAR QILQKGLEKA<br>IREKLQCTQG KDYLDALDLL IESSKEHGKE MTMQELKDGT LELIFAAYAT<br>TASASTSLIM QLLKHPTVLE KLRDELRAHG ILHSGGCPCE GTLRLDTLSG<br>LRYLDCVIKE VMRLFTPISG GYRTVLQTFE LDGFQIPKGW SVMYSIRDTH<br>DTAPVFKDVN VFDPDRFSQA RSEDKDGRFH YLPFGGGVVRT CLGKHLAKLF<br>LKVLAELAS TSRFELATRT FPRITLVPVL HPVDGLSVKF FGLDSNQNEI<br>LPETEAMLSA TV |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | CYP26B1   |
| <b>Protein Names</b>     | Recommended name: Cytochrome P450 26B1 EC= 1.14.-.- Alternative name(s): Cytochrome P450 26A2 Cytochrome P450 retinoic acid-inactivating 2 Short name= Cytochrome P450RAI-2 Retinoic acid-metabolizing cytochrome   |
| <b>Expression Region</b> | 1-512   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Target Details</b>    | This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and the synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene is involved in the specific inactivation of all-trans-retinoic acid to hydroxylated forms, such as 4-oxo-, 4-OH-, and 18-OH-all-trans-retinoic acid.  |



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**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.

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**Shelf Life**

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