

Recombinant Human CYP26B1 Protein, His-Tagged

Cat. No. CYP26B1-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP26B1 Protein, His-Tagged was expressed in E. coli cell
Species	Human
Source	E.coli
Description	This gene encodes a member of the cytochrome P450 superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The encoded protein is localized to the endoplasmic reticulum, and functions as a critical regulator of all-trans retinoic acid levels by the specific inactivation of all-trans retinoic acid to hydroxylated forms. Mutations in this gene are associated with radiohumeral fusions and other skeletal and craniofacial anomalies, and increased levels of the encoded protein are associated with atherosclerotic lesions. Alternative splicing results in multiple transcript variants.
Molecular Mass	31.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80°C after receiving vials.

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Concentration	>50 ug/mL as determined by microplate BCA method
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Storage Buffer	50mM Tris, pH8.0, 8M Urea
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GENE INFORMATION

Gene Name	CYP26B1 cytochrome P450 family 26 subfamily B member 1 [Homo sapiens (human)]
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Official Symbol	CYP26B1
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Synonyms	RHFCA; CYP26A2; P450RAI2; P450RAI-2
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Gene ID	56603
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mRNA Refseq	NM_001277742.2
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Protein Refseq	NP_063938
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MIM	605207
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UniProt ID	Q9NR63
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Purified recombinant protein CYP26B1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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