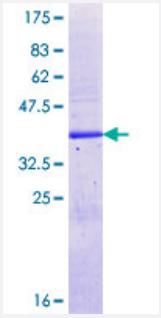
CYP26C1 (Human) Recombinant Protein (Q01)

Catalog # H00340665-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CYP26C1 partial ORF (NP_899230.2, 423 a.a. - 522 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SPPEGFDPERFGAAREDSRGASSRFHYIPFGGGARSCLGQELAQAVLQLLAVELVRTARWELAT PAFPAMQTVPIVHPVDGLRLFFHPLTPSVAGNGLCL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CYP26C1

Entrez GeneID	340665
GeneBank Accession#	NM_183374
Protein Accession#	NP_899230.2
Gene Name	CYP26C1
Gene Alias	FLJ45301
Gene Description	cytochrome P450, family 26, subfamily C, polypeptide 1
Omim ID	608428
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme is involved in the catabolism o f all-trans- and 9-cis-retinoic acid, and thus contributes to the regulation of retinoic acid levels in c ells and tissues. This gene is adjacent to a related gene on chromosome 10q23.33. [provided by RefSeq
Other Designations	-

Pathway

- Retinol metabolism

Disease

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- Alzheimer Disease
- Genetic Predisposition to Disease
- Schizophrenia
- Spinal Dysraphism

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