

Recombinant Cytochrome P450 26B1 (CYP26B1)

Catalog No.: TP11154

100µg

Sequence Information

Species: Human

Gene ID:56603

Swiss Prot:Q9NR63

Synonyms:CYP26A2; P450RAI-2;

Cytochrome P450 Family 26 Subfamily

B Polypeptide 1; Cytochrome P450

retinoic acid-inactivating 2; Retinoic

acid-metabolizing cytochrome

Residues:Met1-Val512

MLFEGLDLVSALATLAACLVSVTLLLAVSQQLWQLRWAATRDKSKLPKPGSM
GFPLIGETGHWLLQGSGFQSSRREKYGNVFKTHLLGRPLIRVTGAENVRKILMG
EHHLVSTEWPRSTRMLLGPNVTVSNSIGDIHRNKRKVFSKIFSHEALESYLPKIQ
LVIQDTLRAWSSHPEAINVYQEAQKLTFRMAIRVLLGFSIPEEDLGHLFEVYQQ
FVDNVFSLPVDLPFSGYRRGIQARQILQKGLEKAIREKLQCTQGKDYLDA LDL
IESSKEHGKEMTMQELKDGTELEIFAAYATTASASTSLIMQLKHPTVLEKLRD
ELRAHGILHSGGCPCEGTLRLDTLSGLRYLDCVIKEVMRLFTPISGGYRTVLQT
FELDGFQIPKGWSVMYSIRDTHDTAPVFKDVNVFDPDRFSQARSEDKDGRFHYL
PFGGGVRTCLGKHLAKLFLKVLAVELASTSRFELATRTFPRITLVPVLHPVDGL
SVKFFGLDSNQNEILPETEAMLSATV

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Membrane.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.8

Predicted Molecular Mass: 61.3kDa

Accurate Molecular Mass: 61kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

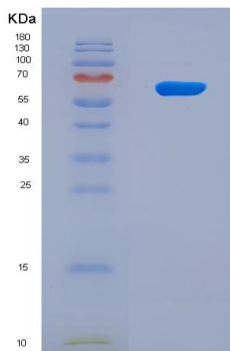


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.