

Datasheet for ABIN2712751

CYP11B1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	CYP11B1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP11B1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human CYP11B1 (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	CYP11B1
Alternative Name:	Cyp11b1 (CYP11B1 Products)
Background:	Has steroid 11-beta-hydroxylase activity. In addition to this activity, the 18 or 19-hydroxylation of steroids and the aromatization of androstendione to estrone have also been ascribed to cytochrome P450 XIB. [UniProtKB/Swiss-Prot Function]

Target Details

Molecular Weight:	47.1 kDa
NCBI Accession:	NP_001021384
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis , Regulation of Systemic Arterial Blood Pressure by Hormones , C21-Steroid Hormone Metabolic Process , Carbohydrate Homeostasis

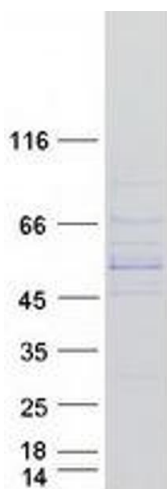
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot