Datasheet for ABIN2714226

# HSD17B8 Protein (Myc-DYKDDDDK Tag)

1 Image

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 20 µg |
| Target: | HSD17B8 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HSD17B8 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

## Product Details

| | |
|---|---|
| Characteristics: | • Recombinant human 17-beta HSD8 / HSD17B8 protein expressed in HEK293 cells.<br>• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

## Target Details

| | |
|---|---|
| Target: | HSD17B8 |
| Alternative Name: | 17-beta Hsd8,hsd17b8 (HSD17B8 Products) |
| Background: | In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone. The protein encoded by this gene is similar to Ke6 and is a member of the short-chain dehydrogenase superfamily. An |

## Target Details

| | |
|---|---|
| | alternatively spliced transcript of this gene has been detected, but the full-length nature of this variant has not been determined. |
| Molecular Weight: | 26.8 kDa |
| NCBI Accession: | NP_055049 |
| Pathways: | Steroid Hormone Biosynthesis |

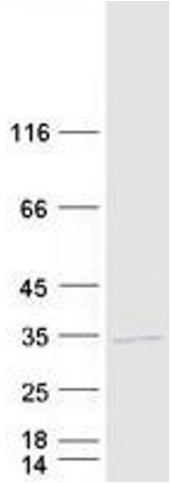
## Application Details

| | |
|---|---|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>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