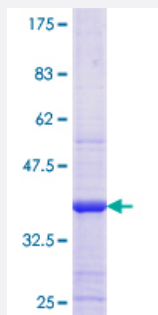


HSD3B2 (Human) Recombinant Protein (Q01)

Catalog # H00003284-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HSD3B2 partial ORF (NP_000189.1, 33 a.a. - 122 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ALDKAFRPELREEFSKLQNRTKLTVLEGDILDEPFLKRACQDVSVVIHTACIIDVFGVTHRESIMNV NVKGTQLLLEACVQASVPVFIYT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (72)
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

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

Gene Info — HSD3B2

Entrez GeneID	3284
GeneBank Accession#	NM_000198
Protein Accession#	NP_000189.1
Gene Name	HSD3B2
Gene Alias	HSDB, HSDB3, SDR11E2
Gene Description	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2
Omim ID	201810
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	3 beta-HSD type II 3 beta-hydroxysteroid dehydrogenase type II, delta 5-delta 4-isomerase type II, 3 beta-HSD type II OTTHUMP00000014489 delta 5-delta 4-isomerase type II hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 2 short ch

Pathway

- [Androgen and estrogen metabolism](#)
- [C21-Steroid hormone metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hirsutism](#)
- [Hyperandrogenism](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypospadias](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)

- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)