

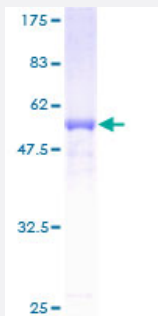
Full-Length

RDHE2 (Human) Recombinant Protein (P01)

Catalog # H00195814-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RDHE2 full-length ORF (AAH37219, 26 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIFALLPKPRKNVAGEIMLITGAGSGLGRLLALQFARLGSVLVLWDINKEGNEETCKMAREAGATR
VHAYTCDCSQKEGVYRVADQVKKEVGDVSLINNAGVITGKKFLDCPDELMEKSFDVNFKAHLWT
YKAFLPAMIANDHGHLCISSSAGLSGVNGLADYCASKFAAFGFAESVFVETVQKQKGIKTTVC
PFFIKTGMFEGCTTGCPSSLPILEPKYAVEKVEAILQEKMPLYMPKLLYFMMFLKSFLPLKTGLLIAD
YLGILHAMDGFVDQKKKL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.98

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 — SDR16C5

Entrez GeneID	195814
GeneBank Accession#	BC037219
Protein Accession#	AAH37219
Gene Name	SDR16C5
Gene Alias	FLJ33105, RDH#2, RDH-E2, RDHE2
Gene Description	short chain dehydrogenase/reductase family 16C, member 5
Omim ID	608989
Gene Ontology	Hyperlink
Gene Summary	RDHE2 belongs to a family of short-chain alcohol dehydrogenases/reductases that catalyze the first and rate-limiting step that generates retinaldehyde from retinol (Matsuzaka et al., 2002 [PubMed 12372410]).[supplied by OMIM]
Other Designations	epidermal retinal dehydrogenase 2 retinal short chain dehydrogenase reductase

Disease

- [Diabetes Mellitus](#)
- [Psoriasis](#)
- [Tobacco Use Disorder](#)