

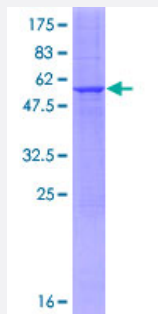
Full-Length

RDH13 (Human) Recombinant Protein (P01)

Catalog # H00112724-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RDH13 full-length ORF (NP_612421.1, 1 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEKCEAAAKDIRGETLNHHVNARHLDLASLKSIREFAAKIIIEEERVDILINNAGVMRCPHWTTEDG FEMQFGVNH LGHFLLTNLLDKLKASAPSRINLSSLAHVAGHIDDDLNWQTRKYNTKAAYCQSK LAVLFTKELSRRLQGSGVTVNALHPGVARTELGRHTGIHGSTFSSTTLGPIFWLLVKSPELAAQPS TYLAVAEELADVSGKYFDGLKQKAPAPEAEDEEVARRLWAESARLVGLEAPSVREQLPR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	55.2
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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 — RDH13

Entrez GeneID [112724](#)

GeneBank Accession# [NM_138412.2](#)

Protein Accession# [NP_612421.1](#)

Gene Name RDH13

Gene Alias SDR7C3

Gene Description retinol dehydrogenase 13 (all-trans/9-cis)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a mitochondrial short-chain dehydrogenase/reductase, which catalyzes the reduction and oxidation of retinoids. The encoded enzyme may function in retinoic acid production and may also protect the mitochondria against oxidative stress. Alternatively spliced transcript variants have been described. [provided by RefSeq]

Other Designations retinol dehydrogenase 13|retinol dehydrogenase 13 (all-trans and 9-cis)|short chain dehydrogenase/reductase family 7C, member 3