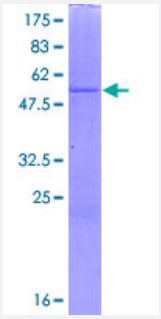
Full-Length

DHRS4 (Human) Recombinant Protein (P01)

Catalog # H00010901-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DHRS4 full-length ORF (NP_066284.2, 1 a.a. - 278 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MHKAGLLGLCARAWNSVRMASSGMTRRDPLANKVALVTASTDGIGFAIARRLAQDGAHVVVSSR KQQNVDQAVATLQGEGLSVTGTVCHVGKAEDRERLVATAVKLHGGIDILVSNAAVNPFFGSIMDV TEEVWDKTLDINVKAPALMTKAVVPEMEKRGGGSVVIVSSIAAFSPSPGFSPYNVSKTALLGLTKT LAIELAPRNIRVNCLAPGLIKTSFSRMLWMDKEKEESMKETLRIRRLGEPEDCAGIVSFLCSEDASY ITGETVVVGGGTPSRL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	55.9
Interspecies Antigen Sequence	Mouse (80); Rat (79)
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 — DHRS4

Entrez GeneID	10901
GeneBank Accession#	NM_021004.2
Protein Accession#	NP_066284.2
Gene Name	DHRS4
Gene Alias	DHRS4L2, FLJ11008, NRDR, SCAD-SRL, SDR-SRL, SDR25C1, humNRDR
Gene Description	dehydrogenase/reductase (SDR family) member 4
Omim ID	611596
Gene Ontology	Hyperlink
Other Designations	NADP(H)-dependent retinol dehydrogenase/reductase B1 isoform|NADP(H)-dependent retinol dehydrogenase/reductase B2 isoform|NADP(H)-dependent retinol dehydrogenase/reductase short isoform|NADP-dependent retinol dehydrogenase|NADPH-dependent retinol dehydrog

Pathway

- Metabolic pathways
- Retinol metabolism