

Dehydrogenase/reductase SDR family member 2 (DHRS2) Recombinant Protein | DHRS2 recombinant protein

Recombinant Human Dehydrogenase/reductase SDR family member 2 (DHRS2)

CATALOG # AAA116627	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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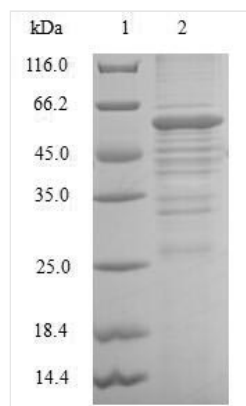
PRODUCT SYNONYMS

Dehydrogenase/reductase SDR family member 2 (DHRS2); Recombinant Human Dehydrogenase/reductase SDR family member 2 (DHRS2); Dehydrogenase/reductase SDR family member 2; EC=1.1.1.-; Dicarbonyl reductase HEP27; Protein D; DHRS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-300aa; Full Length of Isoform 2
Sequence	MLSAVARGYQ GWFHPCARLS VRMSSTGIDR KGVLANRVAV VTGSTSGIGF AIARRRLARDG AHVVISSRKQ QNVDRAMAKL QGEGLSVAGI VCHVGKAEDR EQLVAKALEH CGGVDFLVCS AGVNPLVGST LGTSEQIWDK ILSVNVKSPA LLLSQLLPYM ENRRGAVILV SSIAAYNPVV ALGVYNVSKT ALLGLTRTLA LELAPKDIRV NCVVPGIIKT DFSKVVRIGF MGMSLSGRTS RNIISCRGLG SQRTVQESCP SCALQMPATS TGRTLWQAT PLGSERSGGG CVAVVPGPGA
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DHRS2 recombinant protein	Displays NADPH-dependent dicarbonyl reductase activity in vitro with 3,4-Hexanedione, 2,3-Heptanedione and 1-Phenyl-1,2-propanedione as substrates. No reductase activity is displayed in vitro with steroids, retinoids and sugars as substrates. Attenuates MDM2-mediated p53/TP53 degradation, leading to p53/TP53 stabilization and increased transcription activity, resulting in the accumulation of MDM2 and CDKN1A/p21.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031737
NCBI GeneID	10202
NCBI Accession #	NP_005785.1
NCBI GenBank Nucleotide #	NM_005794.3
UniProt Accession #	Q13268; Q53GS4; Q7Z789; Q9H2R2; D3DS54
Molecular Weight	58.5 kDa
NCBI Official Full Name	dehydrogenase/reductase SDR family member 2, mitochondrial isoform 2
NCBI Official Synonym Full Names	dehydrogenase/reductase (SDR family) member 2
NCBI Official Symbol	DHRS2
NCBI Official Synonym Symbols	HEP27; SDR25C1
NCBI Protein Information	dehydrogenase/reductase SDR family member 2, mitochondrial; protein D; dicarbonyl reductase HEP27; dehydrogenase/reductase member 2; short-chain alcohol dehydrogenase family member; short chain dehydrogenase/reductase family 25C, member 1
UniProt Protein Name	Dehydrogenase/reductase SDR family member 2, mitochondrial
UniProt Gene Name	DHRS2
UniProt Entry Name	DHRS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/dhrs2-recombinant-protein-e-coli/116627>