

Recombinant Human DHRSX protein, GST-tagged

Cat. No. DHRSX-11980H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHRSX protein(1-330 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-330 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MSPLSAARAALRVYAVGA AVILAQLLRRCRGGFLEPVFP RPDRVAIVTGGTDGIGY STAKHLARLGMHVIIAGNND SKAKQVVS KIKEETLNDKVEFLYCDLASMTSIRQFVQK FKMKKIPLHVLINNAGVMMVPQRKTRDGFEEHFGLNYLGHFLLTNLLD TLKESGSP GHSARVVTVSSATHYVAELNMDDLQSSACYS PHAAYAQSKLALVLF TYHLQRLLAA EGSHVTANVVDPGVVNTDLYKHVFWATRLAKKLLGWLLFKTPDEGAWTSIYAAVTP ELEGVGGRYLYNEKETKSLHVTYNQKLQQQLWSKSCEMTGVL DVTL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [DHRSX dehydrogenase/reductase \(SDR family\) X-linked \[Homo sapiens \]](#)

Official Symbol [DHRSX](#)

Synonyms DHRSX; dehydrogenase/reductase (SDR family) X-linked; dehydrogenase/reductase (SDR family) X chromosome; dehydrogenase/reductase SDR family member on chromosome X; dehydrogenase/reductase (SDR family) Y linked; DHRS5X; DHRS5Y; DHRSXY; DHRSY; SDR46C1; short chain dehydrogenase/reductase family 46C; member 1; dehydrogenase/reductase (SDR family) Y-linked; short chain dehydrogenase/reductase family 46C, member 1; CXorf11;

Gene ID [207063](#)

mRNA Refseq [NM_145177](#)

Protein Refseq [NP_660160](#)

UniProt ID [Q8N5I4](#)

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