

# Recombinant Full Length Human DHRS13 Protein, GST-tagged

**Cat. No.** DHRS13-2521HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DHRS13 full-length ORF ( NP_653284.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 327 amino acids                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | DHRS13 (Dehydrogenase/Reductase 13) is a Protein Coding gene. GO annotations related to this gene include oxidoreductase activity and coenzyme binding. An important paralog of this gene is RDH12.                                                                                                                                                       |
| <b>Molecular Mass</b>   | 62.2 kDa                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MTALELARRGARVVLACRSQERGEAAAFDLRQESGNNEVIFMALDLASLASVRAFA<br>TAFLSSEPRLDILIHNAGISSCGRTREAFNLLLRVNHIGPFLTHLLLPCLKACAPSRVV<br>VVASAAHCRGRDLDFKRLDRPVVGWRQELRAYADTKLANVLFARELANQLEATGVTC<br>YAAHPGPVNSEFLRHVPGWLRPLLRLAWLVLRAPRGGAQTPLYCALQEGIEPLS<br>GRYFANCHVEEVPPAARDDDRAAHRLWEASKRLAGLPGEDAEPDEDPQSEDSEAP<br>SSLSTPHPEEPTVSQPYPSPQSSPDLSKMTHRIQAKVEPEIQLS |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                          |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DHRS13 dehydrogenase/reductase (SDR family) member 13 [ Homo sapiens ]                                                                                                                                                                    |
| <b>Official Symbol</b> | DHRS13                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | DHRS13; dehydrogenase/reductase (SDR family) member 13; dehydrogenase/reductase SDR family member 13; MGC23280; SDR7C5; short chain dehydrogenase/reductase family 7C; member 5; short chain dehydrogenase/reductase family 7C, member 5; |
| <b>Gene ID</b>         | 147015                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_144683                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_653284                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 616157                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | Q6UX07                                                                                                                                                                                                                                    |

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