

## Recombinant Human SDR42E1 Protein, GST-tagged

**Cat. No.** SDR42E1-5128H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human HSPC105 full-length ORF ( NP_660151.1, 1 a.a. - 383 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | SDR42E1 (Short Chain Dehydrogenase/Reductase Family 42E, Member 1) is a Protein Coding gene. GO annotations related to this gene include oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor and 3-beta-hydroxy-delta5-steroid dehydrogenase activity. An important paralog of this gene is SDR42E2.                                                                                 |
| <b>Molecular Mass</b>   | 69.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MDPKRSQKESVLITGGSGYFGFRLGICALNQNGVHVILFDISSPAQTIPEGIKFIQGGDIR<br>HLSDVEKAFQDADVTCVFHIASYGMGREQLNRNLIKEVNVRGTDNILQVCQRRRV<br>PRLVYTSTFNVIFGGQVIRNGDESLPYLPLHLHPDHYSRTKSIAEQKVLEANATPLDR<br>GDGVLRTCALRPAGIYGPGEQRHLPRIVSYIEKGLFKFVYGDPRSLVEFVHVDNLVQ<br>AHILASEALRADKGHIASGQPYFISDGRPNNFEFFRPLVEGLGYTFPSTRPLTLVY<br>CFAFLTEMVHFILGRLYNFQPFLLTRTEVYKTGVTHYFSLEKAKKELGYKAQPFDLQE<br>AVEWFKAHGHGRSSGSRDSECFVWDGLLVFLIIAVLM |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                                              |

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|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
|                       | Antibody Production<br>Protein Array                                     |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -8 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

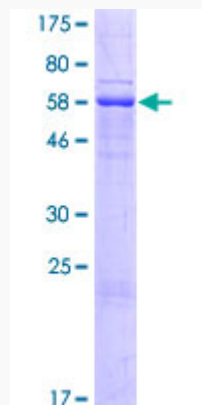
|                        |                                                                                   |
|------------------------|-----------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SDR42E1 short chain dehydrogenase/reductase family 42E, member 1 [ Homo sapiens ] |
| <b>Official Symbol</b> | SDR42E1                                                                           |
| <b>Synonyms</b>        | HSPC105                                                                           |
| <b>Gene ID</b>         | 93517                                                                             |
| <b>mRNA Refseq</b>     | NM_145168                                                                         |
| <b>Protein Refseq</b>  | NP_660151                                                                         |
| <b>UniProt ID</b>      | Q8WUS8                                                                            |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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