

## Recombinant Human TECR lysate

Cat. No. TECR-307HCL    Lot. No. (See product label)

### SPECIFICATION

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Product Overview    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| Species             | Human                                                                                    |
| Source              | HEK293                                                                                   |
| Molecular Mass      | 36034.06Da                                                                               |
| Recommended Usage   | WB                                                                                       |
| Storage Instruction | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

### GENE INFORMATION

|                 |                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | TECR trans-2,3-enoyl-CoA reductase [ Homo sapiens ]                                                                                                      |
| Official Symbol | TECR                                                                                                                                                     |
| Synonyms        | TECR; trans-2,3-enoyl-CoA reductase; glycoprotein, synaptic 2 , GPSN2, SC2; TER; glycoprotein, synaptic 2; synaptic glycoprotein SC2; SC2; GPSN2; MRT14; |
| Gene ID         | 9524                                                                                                                                                     |
| mRNA Refseq     | NM_138501                                                                                                                                                |

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|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Refseq</b>      | NP_612510                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>                 | 610057                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>          | Q9NZ01                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Chromosome Location</b> | 19p13.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Pathway</b>             | Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved biosystem; Fatty Acyl-CoA Biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, conserved biosystem; Fatty acid elongation, organism-specific biosystem; Fatty acid elongation, conserved biosystem; |
| <b>Function</b>            | oxidoreductase activity, acting on the CH-CH group of donors; trans-2-enoyl-CoA reductase (NADPH) activity;                                                                                                                                                                                                                                                                                                                                                             |

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