

# Recombinant Human SRXN1 protein(1-137aa), His&Myc-tagged

**Cat. No.** SRXN1-3928H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b> | Recombinant Human SRXN1 protein(Q9BYN0)(1-137aa), fused with N-terminal His and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-137aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 19.9 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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|                    |                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>AA Sequence</b> | MGLRAGGTLGRAGAGRGAPEGPGPSGGAQGGSIHSGRIA AVHNVPLSVLIRPLPSV<br>LDPKAVQSLVDTIREDPDSVPPIDVLWIKGAQGGDYFY SFGGCHRYAAYQQLQRETI<br>PAKLVQS |
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## GENE INFORMATION

|                  |                                       |
|------------------|---------------------------------------|
| <b>Gene Name</b> | SRXN1 sulfiredoxin 1 [ Homo sapiens ] |
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|------------------------|-------|
| <b>Official Symbol</b> | SRXN1 |
|------------------------|-------|

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| <b>Synonyms</b> | SRXN1; sulfiredoxin 1; C20orf139, chromosome 20 open reading frame 139 ,<br>sulfiredoxin 1 homolog (S. cerevisiae); sulfiredoxin-1; dJ850E9.2; Npn3; SRX1;<br>YKL086W; sulfiredoxin 1 homolog; C20orf139; FLJ43353; |
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| <b>Gene ID</b> | 140809 |
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| <b>mRNA Refseq</b> | NM_080725 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_542763 |
|-----------------------|-----------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9BYN0 |
|-------------------|--------|

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