

Recombinant Rat Sort1 protein, His-tagged

Cat. No. Sort1-3517R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sort1 protein(O54861)(610-754aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	610-754aa
Form	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.
Molecular Mass	20.5 kDa
AA Sequence	CEENDYTTWLAHSTDPGDYKDGCILGYKEQFLRLRKSSVCQNGRDYVVAKQPSICP CSLEDFLCDFGYFRPENASECVEQPELKGHELEFCLYGKEEHLTTNGYRKIPGDRC QGGMNPAREVKDLKKKCTSNFLNPKKQNSKSSS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Sort1 sortilin 1 [<i>Rattus norvegicus</i>]
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Official Symbol	Sort1
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Synonyms	SORT1; sortilin 1; sortilin; NTR3; gp110; glycoprotein 110; neurotensin receptor 3; Nt3; Nts3;
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Gene ID	83576
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mRNA Refseq	NM_031767
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Protein Refseq	NP_113955
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