

Recombinant Human OSR1, GST-tagged

Cat. No. OSR1-7008H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human OSR1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	Full length
Description	OSR1 is a member of the Ser/Thr family of protein kinases. OSR1 is activated by osmotic stresses and regulates the downstream protein kinase such as PAK1 in order to establish the sensor/signaling modules that initiate the cellular response to environmental stress. OSR1 can be phosphorylated by ATM or ATR during DNA damage process.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~86 kDa
Purity	>95%
Applications	Western Blot
Storage	Store at -70°C. For optimal storage, aliquot target into smaller quantities after

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centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.

Concentration 0.1 µg/µl

GENE INFORMATION

Gene Name [OSR1 odd-skipped related 1 \(Drosophila\)](#) [[Homo sapiens](#)]

Official Symbol OSR1

Synonyms OSR1; odd-skipped related 1 (Drosophila); ODD, odd skipped (Drosophila) homolog; protein odd-skipped-related 1; odd-skipped homolog; ODD;

Gene ID [130497](#)

mRNA Refseq [NM_145260](#)

Protein Refseq [NP_660303](#)

MIM [608891](#)

UniProt ID [Q8TAX0](#)

Chromosome Location 2p24.1

Function metal ion binding; nucleic acid binding; zinc ion binding;

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