

## Recombinant Mouse Vsir Protein, His-tagged

**Cat. No.** Vsir-7415M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Vsir protein with a His tag was expressed in Sf9 cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	33-191
<b>Description</b>	Immunoregulatory receptor which inhibits the T-cell response. May promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling. May stimulate MMP14-mediated MMP2 activation.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	18.8 kDa
<b>AA Sequence</b>	FKVTTTPYSLYVCPEGQNATLTCRILGPVSKGHDVTIYKTWYLSSRGEVQMCKEHRPI RNFTLQHLQHGHGSHLKANASHDQPQKHGLELASDHHGNFSITLRNVTPRDSEGLYCC LVIELKNHHPEQRFYGSMEQLVQAGKGSSTCMASNEQDSDSITAALAEHHHHHH
<b>Endotoxin</b>	< 1.0 EU/μg of protein (determined by LAL method)
<b>Purity</b>	> 90 % by SDS-PAGE
<b>Stability</b>	Shelf life: one year from despatch.

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<b>Storage</b>	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
<b>Concentration</b>	1.0 mg/mL (determined by absorbance at 280nm)
<b>Storage Buffer</b>	Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

## GENE INFORMATION

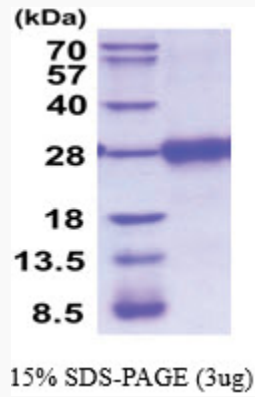
<b>Gene Name</b>	Vsir V-set immunoregulatory receptor [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Vsir
<b>Synonyms</b>	Vsir; V-set immunoregulatory receptor; V; Die; PD-1; Dies1; PD-1H; VISTA; 4632428N05Rik; V-type immunoglobulin domain-containing suppressor of T-cell activation; V-set domain-containing immunoregulatory receptor; differentiation of ESCs 1; platelet receptor Gi24
<b>Gene ID</b>	74048
<b>mRNA Refseq</b>	NM_001159572
<b>Protein Refseq</b>	NP_001153044
<b>UniProt ID</b>	Q9D659

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**SDS-PAGE**



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