

Recombinant Mouse Vsir Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant mouse Vsir protein with a His tag was expressed in Sf9 cells.
Species	Mouse
Source	Insect Cells
ProteinLength	33-191
Description	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.
Form	Liquid
Molecular Mass	18.8 kDa
AA Sequence	FKVTTTPYSLYVCPEGQNATLTCRILGPVSKGHDVTIYKTWYLSSRGEVQMCKEHRPI RNFTLQHLQHGHGSHLKANASHDQPQKHGLELASDHGNGFSITLRNVTPRDSGLYCC LVIELKNHHPEQRFYGSMEQLVQAGKGSSTCMASNEQDSDSITAALHHHHHH
Endotoxin	< 1.0 EU/μg of protein (determined by LAL method)
Purity	> 90 % by SDS-PAGE
Stability	Shelf life: one year from despatch.

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

GENE INFORMATION

Gene Name	Vsir V-set immunoregulatory receptor [<i>Mus musculus</i> (house mouse)]
Official Symbol	Vsir
Synonyms	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
Gene ID	74048
mRNA Refseq	NM_001159572
Protein Refseq	NP_001153044
UniProt ID	Q9D659

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