Recombinant Human SFRP4

Cat. No. SFRP4-30079TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human SFRP4 with N terminal proprietary tag, 36.85kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	102 amino acids
Description	Secreted frizzled-related protein 4 (SFRP4) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. The expression of SFRP4 in ventricular myocardium correlates with apoptosis related gene expression.
Molecular Weight	36.850kDa inclusive of tags
Tissue specificity	Expressed in mesenchymal cells. Highly expressed in the stroma of proliferative endometrium. Expressed in cardiomyocytes. Shows moderate to strong expression in ovarian tumors with expression increasing as the tumor stage increases. In ovarian tumors, exp
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	CNEVTTVVDVKEIFKSSSPIPRTQVPLITNSSCQCPHILP HQDVLIMCYEWRSRMMLL ENCLVEKWRDQLSKRSIQWEER LQEQRRTVQDKKKTAGRTSRSN
Sequence Similarities	Belongs to the secreted frizzled-related protein (sFRP) family.Contains 1 FZ (frizzled) domain.Contains 1 NTR domain.

GENE INFORMATION

Gene Name	SFRP4 secreted frizzled-related protein 4 [Homo sapiens]
Official Symbol	SFRP4
Synonyms	SFRP4; secreted frizzled-related protein 4; FRP 4; FRPHE; frpHE;
Gene ID	6424
mRNA Refseq	NM_003014
Protein Refseq	NP_003005
MIM	606570
Uniprot ID	Q6FHJ7
Chromosome Location	7p14.1

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Pathway	Adipogenesis, organism-specific biosystem; Wnt Signaling Pathway, organism-specific biosystem; Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;
Function	PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding;

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