

Recombinant Human VSNL1

Cat. No. VSNL1-447H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VSNL1 (Gly2-Lys191), fused with a N-terminal Met, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-191 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 50mM Tris, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human VSNL1 consists of 191 amino acids and predicts a molecular mass of 22.1 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VSNL1 visinin-like 1 [Homo sapiens]
Official Symbol	VSNL1
Synonyms	VSNL1; visinin-like 1; visinin-like protein 1; hippocalcin like protein 3; HLP3; HPCAL3; HUVISL1; VILIP; VILIP 1; VLP-1; hippocalcin-like protein 3; VILIP-1;
Gene ID	7447
mRNA Refseq	NM_003385
Protein Refseq	NP_003376
MIM	600817
UniProt ID	P62760
Chromosome Location	2p24.3
Function	calcium ion binding;

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