

Recombinant Human DSPP protein, GST-tagged

Cat. No. DSPP-301524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSPP (18-296 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met18-Gly296
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MVPQSKPLERHVEKSMNLHLLARSNSVSVQDELNASGTIKESGVLVHEGDRGRQENT QDGHKGEGNGSKWAEVGGKSFSYSTLANEEGNIEGWNGDTGKAETYGHDGIHG KEENITANGIQGQVSIIDNAGATNRSNTNGNTDKNTQNGDVGDAHNEDVAVVQED GPQVAGSNNSTDNEDEIIENSCRNEGNTSEITPQINSKRNGTKEAEVTPGTGEDAGL DNSDGSPSGNGADEDEDEEGSGDDEDEEAGNGKDSSNNSKGQEGQDHGKEDDHD SSIG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name DSPP dentin sialophosphoprotein [Homo sapiens (human)]

Official Symbol DSPP

Synonyms DPP; DSP; DGI1; DMP3; DFNA39

Gene ID 1834

mRNA Refseq NM_014208

Protein Refseq NP_055023

MIM 125485

UniProt ID Q9NZW4

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