Recombinant Human BVES protein, GST-tagged

Cat. No. BVES-3633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BVES protein(112-360 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	112-360 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	LYKKRPVKIEKELSGMYRRLFEPLRVPPDLFRRLTGQFCMIQTLKKGQTYAAEDKTS VDDRLSILLKGKMKVSYRGHFLHNIYPCAFIDSPEFRSTQMHKGEKFQVTIIADDNCR FLCWSRERLTYFLESEPFLYEIFRYLIGKDITNKLYSLNDPTLNDKKAKKLEHQLSLCT QISMLEMRNSIASSSDSDDGLHQFLRGTSSMSSLHVSSPHQRASAKMKPIEEGAED DDDVFEPASPNTLKVHQLP
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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	repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	BVES blood vessel epicardial substance [Homo sapiens]
Official Symbol	BVES
Synonyms	BVES; blood vessel epicardial substance; HBVES; POP1; POPDC1; popeye domain containing 1; popeye protein 1; popeye domain-containing protein 1; MGC42413;
Gene ID	11149
mRNA Refseq	NM_001199563
Protein Refseq	NP_001186492
MIM	604577
UniProt ID	Q8NE79

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SDS-PAGE



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