

Recombinant Full Length *Xenopus tropicalis* Blood Vessel Epicardial Substance(Bves) Protein, His-Tagged

Cat. No. RFL13254XF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Blood vessel epicardial substance(bves) Protein (B1H1G2) (1-338aa), fused to N-terminal His tag, was expressed in E. coli.
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	E.coli
ProteinLength	Full Length (1-338)
Form	Lyophilized powder
AA Sequence	MATESILITLTPMDLNSQINNVTFGLNENETLCENWREIHHLVFHLANTCFAAGLVIPS T LNLHMILLRGMLCLGCIFFIIWAILFRCALDIMIWNATFLSMNFMHFIYLVYKKRPIKIE KDLKGIYHRMFEPLHVSPELFNRLTGQFCEIKTLAKGQTYAIEDKTSVDDRLSILLKGI M KVSYRGHFLHAISPNAVYIDSPEFRSTEMNRGETFQVTITADDNCVFLCWSRERLT YFLES EPFLYEIFKYLIGKDITTKLYSLNDPTLGKKKKLDTQPQLCSQLSVMEMRNSL ASTSDNE DGLQTFLRGTSTTSSQRNNQQEFCNAYGVGPLSHAVFC
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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GENE INFORMATION

Gene Name	bves
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Synonyms	bves; pop1; popdc1; Blood vessel epicardial substance; Popeye domain-containing protein 1; Popeye protein 1
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UniProt ID	B1H1G2
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