

Product Name: Recombinant Human HSPB7 (C-6His)
Catalog #: PEH0811

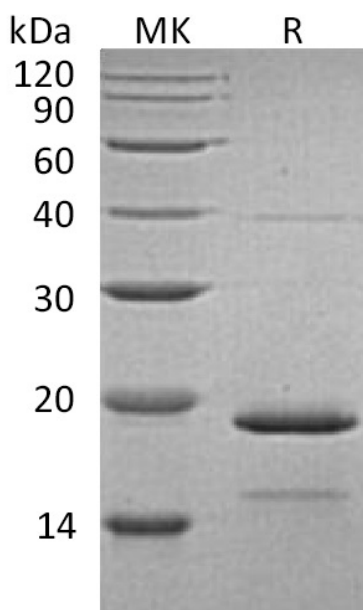


Summary

Name	HSPB7/Heat shock protein beta-7
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Heat Shock Protein Beta-7 is produced by our E.coli expression system and the target gene encoding Met1-Ile170 is expressed with a 6His tag at the C-terminus.
Accession #	Q9UBY9
Host	E.coli
Species	Human
Predicted Molecular Mass	19.6 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 0.2M NaCl, 2mM DTT, 50%Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Pregnancy specific beta-1-glycoprotein 2; PSBG2; Pregnancy-specific beta-1 glycoprotein E; pregnancy-specific beta-1-glycoprotein 2; pregnancy-specific beta-1-glycoprotein 7; PSG2

Background

PSG2 is a secreted protein that in humans is encoded by the PSG2 gene. It is a member of the human pregnancy-specific glycoproteins (PSGs) family. These proteins are synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. PSG2 consist of a single N domain, with structural similarity to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains. It has an arg-gly-aspartic (RGD) motif, which has been shown to function as an adhesion recognition signal for several integrins, in the N-terminal domain.

Note

For Research Use Only , Not for Diagnostic Use.