



[Go to Product page](#)

Datasheet for ABIN7318563 HSPB7 Protein (His tag)

Overview

Quantity:	50 µg
Target:	HSPB7
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPB7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HSPB7 Protein (His Tag)
Sequence:	Met 1-Ile170
Characteristics:	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.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HSPB7
Alternative Name:	HSPB7 (HSPB7 Products)
Background:	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

Target Details

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-asp (RGD) motif, which has been shown to function as an adhesion recognition signal for several integrins, in the N-terminal domain.

Synonym: 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

Molecular Weight: 19.6 kDa

UniProt: [Q9UBY9](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 0.2M NaCl, 2 mM DTT, 50 % glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.