Recombinant Human HSPB7 Protein (His Tag)

Catalog Number:PKSH032524

Note: Centrifuge before opening to ensure complete recovery of vial contents.
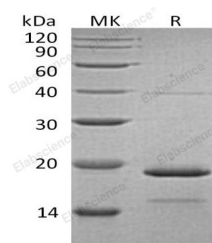
Description

Synonyms	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
Species	Human
Expression Host	E.coli
Sequence	Met 1-Ile170
Accession	Q9UBY9
Calculated Molecular Weight	19.6 kDa
Observed molecular weight	20-25 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 0.2M NaCl, 2mM DTT, 50%Glycerol, pH 8.0.
Reconstitution	Not Applicable

Data

> 95 % as determined by reducing SDS-PAGE.

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

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