

32-8273: Recombinant Human Heat Shock Protein beta-7/HSPB7 (C-6His)

Gene : HSPB7
Gene ID : 27129
Uniprot ID : Q9UBY9

Description

Source: E. coli.

MW :19.6kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM Tris,0.2M NaCl,2mM DTT,50%glycerol, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSHRTSSTFRAERSFHSSSSSSSSSTSSASRALPAQDPPMEKALSMFSDDFGSFMRPHSEPLAFPARPGGAG
NIKTLGDAYEFAVDVRDFSPEDIIVTTSNNHIEVRAEKLAADGTMNTFAHKCQLPEDVDPTSVTSALREDGSLT
IRARRHPHTEHVQQTFRTEIKILEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.