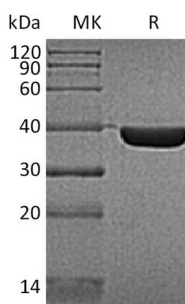


概述 (Summary)

英文全称	HSP40/DNAJB1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Heat Shock 40 kDa Protein is produced by our E.coli expression system and the target gene encoding Gly2-Ile340 is expressed with a 6His tag at the C-terminus.
Accession #	P25685
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	39.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, 1mM EDTA, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (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.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human HSP40 (C-6His)
Catalog #: PEH0809



背景 (Background)

分子别名 (Alternative Names)

DnaJ Homolog Subfamily B Member 1; DnaJ Protein Homolog 1; Heat Shock 40 kDa Protein 1; HSP40; Heat Shock Protein 40; Human DnaJ Protein 1; hDj-1; DNAJB1; DNAJ1; HDJ1; HSPF1

背景介绍 (References)

DnaJ Homolog Subfamily B Member 1 (DNAJB1) is a member of the heat shock protein family. Heat shock proteins (HSPs) are a highly conserved family of stress response proteins. HSPs function primarily as molecular chaperones, facilitating the folding of other cellular proteins, preventing protein aggregation, or targeting improperly folded proteins to specific degradative pathways. DNAJB1 regulates cellular processes by aiding in the folding, transport and assembly. DNAJB1 contains a J-domain which controls interaction with the ATPase domain of DnaK. DNAJB1 interacts with HSP70 and can stimulate its ATPase activity. In addition, DNAJB1 stimulates the association between HSC70 and HIP.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.