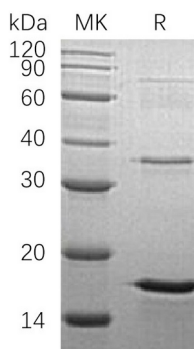


概述 (Summary)

英文全称	GRP/LSM4
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 U6 snRNA-Associated Sm-Like Protein LSM4 is produced by our E.coli expression system and the target gene encoding Met1-Gln139 is expressed with a 6His tag at the N-terminus.
Accession #	Q9Y4Z0
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	17.5 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0 .
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 LSM4 (N-6His)
Catalog #: PEH0767



背景 (Background)

分子别名 (Alternative Names)

背景介绍 (References)

U6 snRNA-Associated Sm-Like Protein LSm4; Glycine-Rich Protein; GRP; LSM4

U6 snRNA-associated Sm-like protein LSm4 (LSM4) is a member of the snRNP Sm proteins family. Sm-like proteins contain the Sm sequence motif and are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing. LSM4 forms a heteromer with a donut shape. The complexes are involved in various steps of RNA metabolism. LSM4 binds specifically to the 3-terminal U-tract of U6 snRNA. LSM4 contributes RNA protein interactions and structural changes which are essential during ribosomal subunit assembly.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.