

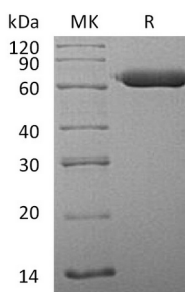
Product Name: Recombinant Human SGSH (C-6His)
Catalog #: PHH1578



概述 (Summary)

英文全称	Sulfamidase/SGSH
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 N-Sulphoglucosamine Sulphohydrolase is produced by our Mammalian expression system and the target gene encoding Arg21-Leu502 is expressed with a 6His tag at the C-terminus.
Accession #	P51688
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	55.72 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM CaCl ₂ , 10% Glycerol, pH 7.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. 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)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names)	N-Sulphoglucosamine	Sulphohydrolase;	Sulfoglucosamine	Sulfamidase;
--------------------------	---------------------	------------------	------------------	--------------

Product Name: Recombinant Human SGSH (C-6His)
Catalog #: PHH1578



背景介绍 (References)

Sulphamidase; SGSH; HSS

N-Sulphoglucosamine Sulphohydrolase (SGSH) is an important member of the sulfatase family which is involved in the degradation of heparin sulfate. SGSH binds one calcium ion per subunit as a cofactor. SGSH catalyzes N-sulfo-D-glucosamine and H₂O to D-glucosamine and sulfate. SGSH deficiency is result in mucopolysaccharidosis type 3A (MPS3A), a recessive lysosomal storage disease characterized by neurological dysfunction but relatively mild somatic manifestations.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.