

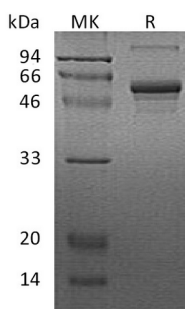
Product Name: Recombinant Human CSNK1G2 (N-6His)
Catalog #: PEH0235



概述 (Summary)

英文全称	Casein kinase I isoform gamma-2/CSNK1G2
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 Casein kinase I Isoform Gamma-2 is produced by our E.coli expression system and the target gene encoding Met1-Lys415 is expressed with a 6His tag at the N-terminus.
Accession #	P78368
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	47.6 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 10% Glycerol, 1mM DTT, pH 8.0.
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)

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分子别名 (Alternative Names)

Casein kinase I isoform gamma-2; CK1G2; CSNK1G2

背景介绍 (References)

CSNK1G2 is a cytoplasmic protein which contains one protein kinase domain. It is a member of the CK1 Ser/Thr protein kinase family of the large casein kinase I (CKI) subfamily. CSNK1G2 participates in Wnt signaling, involves in brain development and vesicular trafficking and neurotransmitter releasing from small synaptic vesicles. It regulates fast synaptic transmission mediated by glutamate. SMAD3 phosphorylation promotes its ligand-dependent ubiquitination and subsequent proteasome degradation, thus inhibiting SMAD3-mediated TGF-beta responses.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.