



Recombinant human Striated muscle preferentially expressed protein kinase

Product Code	CSB-EP022529HU-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q15772
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKPSPSQNRSSDTGSKAPPTFKVSLMDQSVREGQDVIMSIRVQGEPKPVVS WLRNRQVVRPDQRRFAEEAEGGLCRLRILAAERGDAGFYTCKAVNEYGARQ CEARLEVRGE
Research Area	Developmental Biology
Source	E.coli
Target Names	SPEG
Expression Region	1-113aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	Expression of this gene is thought to serve as a marker for differentiated vascular smooth muscle cells which may have a role in regulating growth and differentiation of this cell type. The encoded protein is highly similar to the corresponding rat and mouse proteins. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of only one variant has been defined.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.