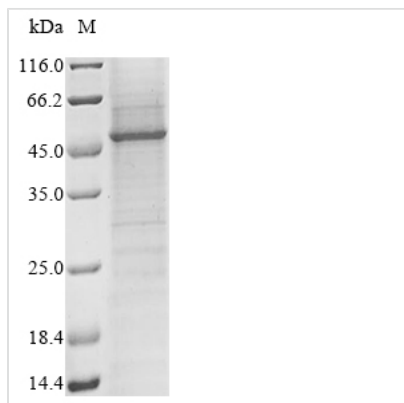




Recombinant Human Intermediate conductance calcium-activated potassium channel protein 4 (KCNN4)

Product Code	CSB-CF012086HU
Abbreviation	Recombinant Human KCNN4 protein
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.	O15554
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MGGDLVLGLGALRRRKRLLEQEKSLAGWALVLAGTGIGLMVLHAEMLWFGGC SWALYLFLVKCTISISTFLLLCLIVAFHAKEVQLFMTDNGLRDWRVALTGRQAA QIVLELVVCGLHPAPVRGPPCVQDLGAPLTSPQPWPGFLGQGEALLSLAMLLR LYLVPRAVLLRSGVLLNASYRSIGALNQVFRFRHWFVAKLYMNTHPGRLLLGLTL GLWLTTAWVLSVAERQAVNATGHLSDTLWLIPITFLTIGYGDVVPGMTMWGKIV CLCTGVMGVCCTALLVAVVARKLEFNKAEKHVHNFMMDIQYTKEMKESAARV LQEAWMFYKHTRRKESHAARRHQRKLLAAINAFRQVRLKHKRLREQVNSMVD ISKMHMILYDLQQNLSSSHRALEKQIDTLAGKLDALTELLSTALGPRQLPEPSQ QSK
Research Area	Cell Biology
Source	in vitro E.coli expression system
Target Names	KCNN4
Protein Names	Recommended name: Intermediate conductance calcium-activated potassium channel protein 4 Short name= SK4 Short name= SKCa 4 Short name= SKCa4 Alternative name(s): IKCa1 Short name= IK1 KCa3.1 KCa4 Putative G
Expression Region	1-427 aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	53.7 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.