

## Product datasheet for PH307214

### SCEL (NM\_003843) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SCEL MS Standard C13 and N15-labeled recombinant protein (NP_003834)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207214
Predicted MW:	75.3 kDa
Protein Sequence:	>RC207214 protein sequence Red=Cloning site Green=Tags(s)

MSNVTLRKMSPTGNEMKSTTQGTTRKQQDFHEVNRRTFLQDNSWIKKRPEEEKDENYGRVVLNRHNSHD  
ALDRKVNERDVPKATISRYSSDDLDRISDRNDAAKTYKANTLDNQLTNRSMVFRSLEVTKLQPGGSLN  
ANTSNTIASTSATTPVKKKRQSWFPPPPPGYNASSSTGTRRREPVGHPPIPPKPSPPVSSTNQLRQDNRQ  
IHPPKPGVYTETNRS AERNISEELDNL IKMNKSLNRNQGLDSLFRANPKVEEREKRAKSLES LIYMSTRT  
DKDGKGIQSLGSP I KVNQRTDKNEKGRQNL E SVAKV NARMNKTSRRSELDNATEV NPKGHENTTGK KDL  
DGLIKVDPETNKNITRGQSLDNL IKVTP EVKRSNQGSKDLN NF IKVYPGTEKSTEGGQSLD SLIKVTPER  
NRTNQGNDLENL IKVIPSANKSSEQGLDEHIN VSPKAVKNTD GKQDL DKL IKVNP EIFTN NQRNQLAN  
L IKVNP AVIRNNQS QDL DNL IKVKPSALRNTNRDQNL ENL IEVNSH VSENKNGSSNTGAKQAGPQDTVY  
TRTYVENS KSPKDG YQENISGKYIQTVYSTSDRSVIERDMCTYCRKPLGVETKMILDELQICCHSTCFKC  
EICKQPLENLQAGDSIWIYRQTIHCEPCYSKIMAKWIP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_003834</a></u>
RefSeq Size:	3180



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RefSeq ORF: 2004

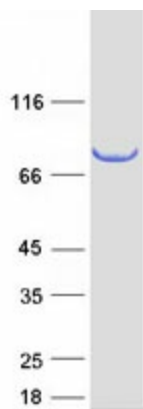
Locus ID: 8796

UniProt ID: [O95171](#)

Cytogenetics: 13q22.3

**Summary:** The protein encoded by this gene is a precursor to the cornified envelope of terminally differentiated keratinocytes. This protein localizes to the periphery of cells and may function in the assembly or regulation of proteins in the cornified envelope. Transcript variants encoding different isoforms exist. A transcript variant utilizing an alternative polyA signal has been described in the literature, but its full-length nature has not been determined. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified SCEL protein (Cat# [TP307214]). The protein was produced from HEK293T cells transfected with SCEL cDNA clone (Cat# [RC207214]) using MegaTran 2.0 (Cat# [TT210002]).