

Product datasheet for PH311286

KRT24 (NM_019016) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KRT24 MS Standard C13 and N15-labeled recombinant protein (NP_061889)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211286
Predicted MW:	55.1 kDa
Protein Sequence:	>RC211286 protein sequence Red =Cloning site Green =Tags(s)

MSCSSRASSSRAGGSSSARVSAGGSSSFSSGSRCLGGSSAQGFRGGASSCSLGGSSGAFGGSFGGFGS
 CSVGGGFGGASGSGTGFGGGSSFGGVSGFGRSGFCGSSRFSSGATGGFYSGGGMGGVGDGGLFSGGE
 KQTMQNLNDRLANYLDKVRALEEANTDLENKIKEWYDKYGPSSGSGRDSKYYSIIEDLRNQIIAAT
 VENAGIILHIDNARLAADDRLKYENELCLRQSV EADINLRKVLDDL TMTRSDLEMQIESFTEELAYLR
 KNHEEEMKNMQGSSGGEVTVMNAAPGDTLTKLLNDMRAQYEELAEQNRREAEERFNKQSASLQAQISTD
 AGAATSAKNEITELKRTLQALEIELQSQLAMKSSLEGLADTEAGYVAQLSEIQTQISALEEEICQIWGE
 TKCQNAEYKQLLDIKTRLEVEIETYRRLLDGEGGSSFAEFGGRNSGSVMNGSRDLVSGDSRSGSCSGQG
 RDSSKTRVTKTIVEELVDGKVVSSQVSSISEVKVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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>NP_061889</u>
RefSeq Size:	1897
RefSeq ORF:	1575


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Synonyms: K24; KA24

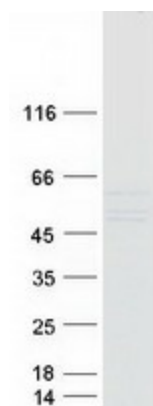
Locus ID: 192666

UniProt ID: [Q2M2I5](#)

Cytogenetics: 17q21.2

Summary: This gene encodes a member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jun 2009]

Product images:



Coomassie blue staining of purified KRT24 protein (Cat# [TP311286]). The protein was produced from HEK293T cells transfected with KRT24 cDNA clone (Cat# [RC211286]) using MegaTran 2.0 (Cat# [TT210002]).