

Product datasheet for PH304377

CCDC134 (NM_024821) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCDC134 MS Standard C13 and N15-labeled recombinant protein (NP_079097)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204377
Predicted MW:	26.6 kDa
Protein Sequence:	>RC204377 protein sequence Red=Cloning site Green=Tags(s) MDLLQFLAFLFVLLLSGMGATGTLRTSLDPSLEIYKKMFEVKKRREQLLALKNLAQLNDIHQQYKILDVML KGLFKVLEDSRTVLTAAADVLPDGPFPQDEKLKDAF SHVVENTAFFGDVVLRFPRIVHYFDHNSNWNLLI RWGISFCNQTGVFNQGPSPILSLMAQELGISEKDSNFQNPFKIDRTEFIPSTDPFKALREEEKRRKKE EKRKEIRKGPRI SRSQSEL 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- 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:	NP_079097
RefSeq Size:	1279
RefSeq ORF:	687
Locus ID:	79879
UniProt ID:	Q9H6E4
Cytogenetics:	22q13.2



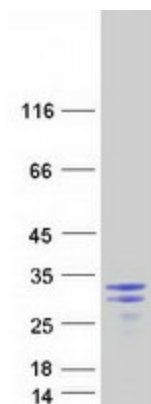
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Summary:

In extracellular secreted form, promotes proliferation and activation of CD8(+) T cells, suggesting a cytokine-like function (PubMed:25125657). Enhances cytotoxic anti-tumor activity of CD8(+) T cells (PubMed:25125657). May inhibit ERK and JNK signaling activity (PubMed:18087676, PubMed:23070808). May suppress cell migration and invasion activity, via its effects on ERK and JNK signaling (PubMed:23070808).[UniProtKB/Swiss-Prot Function]

Protein Families:

Secreted Protein

Product images:

Coomassie blue staining of purified CCDC134 protein (Cat# [TP304377]). The protein was produced from HEK293T cells transfected with CCDC134 cDNA clone (Cat# [RC204377]) using MegaTran 2.0 (Cat# [TT210002]).