

Product datasheet for PH307880

CYRIA (NM_030797) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM49A MS Standard C13 and N15-labeled recombinant protein (NP_110424)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207880
Predicted MW:	37.3 kDa
Protein Sequence:	>RC207880 protein sequence Red=Cloning site Green=Tags(s)

MGNLLKVLTREIENYPHFFLDFENAQPTEGEREIWNQISAVLQDSESILADLQAYKGAGPEIRDAIQNPN
DIQLQEKAWNAVCPLVVRLKRFYEF SIRLEKALQSLLESITCPPYTPTQHLEREQALAKEFAEILHFTLR
FDELKMRNP AIQNDFSYRRTISRNRINMHLDIENEVNNEMANRMSLFYAEATPMLKTLNSNATMHFVSE
NKTLP IENTTDCLSTMTSVCKVMLETPEYRSRFTSEETLMFCMRVMGVII LYDHVHPVGAFCKTSKIDM
KGCIKVLKEQAPDSVEGLLNALRFTTKHLNDESTSKQIRAMLQ

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_110424
RefSeq Size:	4702
RefSeq ORF:	969
Synonyms:	CYRI-A; FAM49A
Locus ID:	81553



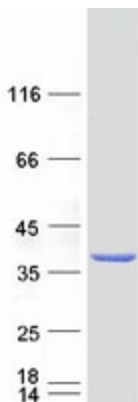
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UniProt ID: [Q9H0Q0](#)

Cytogenetics: 2p24.2

Summary: May negatively regulate RAC1 signaling and RAC1-driven cytoskeletal remodeling (Probable). May regulate chemotaxis, cell migration and epithelial polarization by controlling the polarity, plasticity, duration and extent of protrusions (Probable).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FAM49A protein (Cat# [TP307880]). The protein was produced from HEK293T cells transfected with FAM49A cDNA clone (Cat# [RC207880]) using MegaTran 2.0 (Cat# [TT210002]).