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Product datasheet for PH308692

VASH2 (NM_024749) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VASH2 MS Standard C13 and N15-labeled recombinant protein (NP_079025)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208692
Predicted MW:	35.4 kDa
Protein Sequence:	>RC208692 protein sequence Red=Cloning site Green=Tags(s) MTGSAADTHRCPHPKGAKGTRSRSSHARPVSLATSGGSEEEDKDGGVLFHVNKSGFPIDSHTWERMWMHV AKVHPKGGEMVGAIRNAAFLAKPSIPQVPNYRLSMTIPDWLQAIQNYMKTLHYLTNGQPSIERFPISFKT YFSGNYFHHVVLGIYCNGRYGSLGMSRRAELMDKPLTFRTLSDLIFDFEDSYKKYLHTVKKVKIGLYVPH EPHSFQPIEWKQLVLNVSKMLRADIRKELEKYARDMRMKILKPASAHSPTQVRSRGKSLSPRRRQASPPR RLGRREKSPALPEKKVADLSTLNEVGYQIRI 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- 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:	NP_079025
RefSeq Size:	4362
RefSeq ORF:	933
Locus ID:	79805
UniProt ID:	Q86V25

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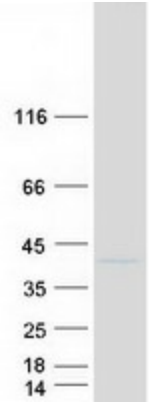
Cytogenetics: 1q32.3

Summary: Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:29146869). Acts as an activator of angiogenesis: expressed in infiltrating mononuclear cells in the sprouting front to promote angiogenesis (PubMed:19204325).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified VASH2 protein (Cat# [TP308692]). The protein was produced from HEK293T cells transfected with VASH2 cDNA clone (Cat# [RC208692]) using MegaTran 2.0 (Cat# [TT210002]).

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