

Product datasheet for PH304024

NOSIP (NM_015953) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NOSIP MS Standard C13 and N15-labeled recombinant protein (NP_057037)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204024
Predicted MW:	33.2 kDa
Protein Sequence:	>RC204024 protein sequence Red=Cloning site Green=Tags(s)
	MTRHGKNC TAGAVYTYHEKKKDTAASGYGTQNI RLSRDAVKDFDCCCLSLQPCHDPVVT PDGYLYER EAI LEYILHQKKEIARQMKAYEKQRGTRREEQKELQRAASQDHVRFLEKESAI VSRPLNPFTAKALSGTSPD DVQPGPSVGPSPKDKDKVLP SFWIPSLTPEAKATKLEKPSRTVTCPMSGKPLRMSDLTPVHFTPLDSSVD RVGLITRSERYVCAVTRDSL SNATPCAVLRPSGAVVTLECV EKLIRKDMVDPVTGDKL TDRDIIVLQRGG TGFAGSGVKLQAEKSRPVMQA
	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:	<u>NP_057037</u>
RefSeq Size:	1367
RefSeq ORF:	903
Synonyms:	CGI-25
Locus ID:	51070



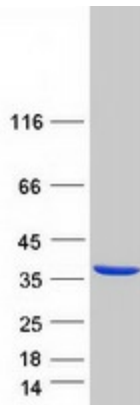
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UniProt ID: [Q9Y314](#)

Cytogenetics: 19q13.33

Summary: The protein encoded by this gene may modulate the activity and localization of nitric oxide synthase (endothelial and neuronal) and thus nitric oxide production. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2012]

Product images:



Coomassie blue staining of purified NOSIP protein (Cat# [TP304024]). The protein was produced from HEK293T cells transfected with NOSIP cDNA clone (Cat# [RC204024]) using MegaTran 2.0 (Cat# [TT210002]).