

Product datasheet for PH306808

FNBP4 (NM_015308) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FNBP4 MS Standard C13 and N15-labeled recombinant protein (NP_056123)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206808
Predicted MW:	110.1 kDa
Protein Sequence:	>RC206808 protein sequence Red =Cloning site Green =Tags(s)

MGKKSRAVPGRRPILQLSPPGPRGSTPGRDPEPEPDTEPDSTAAVPSQPAPSAATTTAVTAAAASDDSPS
 EDEQEAVQEVPRVVQNPPKPMVMTTRPTAVKATGGLCLLGAYADSDDDNDVSEKLAQSKETNGNQSTDID
 STLANFLAEIDAITAPQPAAPVGASAPPTPPRPEPKEAATSTLSSSTSNGTDSTQTSQWQYDTQCCLAG
 VGIEMGDWQEVWDENTGCYYWNTQTNEVTWELPQYLATQVQGLQHYQPSSVPGAETSFVNTDIYSKEK
 TISVSSSKSGPVIKREVKKEVNEGIQALSNSEEEKKGVAASLLAPLLPEGIKEEEERWRRKVICKKEEPV
 SEVKETSTTVEEATTIVKPQEIIMLDNIEDPSQEDLCVVQSGESEEEEEQDTLELELVLERKKAELRALE
 EGDGVSQSSPRSDISQASQDGMRRMLMSKRGKWKMFVRATSPSTSRSSSKTGRDTPENGETAIGAENS
 EKIDENSDKEMEVEESPEKIKVQTPKVEEQDLKFQIGELANTLTSKFEFLGINRQISINFHVLLQLTE
 TRIADWREGALNGNYLKRKLQDAAEQLKQYEINATPKGWSCHWDRDHRRYFYVNEQSGESQWEPDGEE
 EESQAQENRDETLAKQTLKDKTGTDSNSTESSETSTGSLCKESFSGQVSSSLMPLTPFWTLLQSNVPV
 LQPLPLEMPPPPPPPESPPPPPPPPPAEDGEIQEVEMEDEGSEPPAPGTEEDTPLKPSAQTTVTS
 QSSVDSTISSSSSTKGIKRKATEISTAVVQRSATIGSSPVLVSQSAIATGHQAAGIGNQATGIGHQTIPV
 SLPAAGMGHQARGMSLQSNYLGAAAPAIMSYAECVPIGVTAPSLQPVQARGAVPTATIEPPPPPPPP
 PPPPPAPKMPPPEKTKGRKDKAKKSKTKMPSLVKKWQSIQRELDEEDNSSSEEDRESTAQKRIEHWK
 QQQLVSGMAERNANFEALPEDWRARLKRKMAPNT

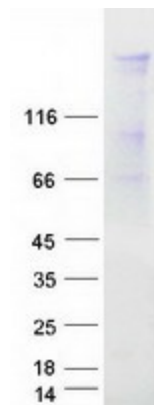
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.


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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_056123</u>
RefSeq Size:	4127
RefSeq ORF:	348
Synonyms:	FBP30
Locus ID:	23360
UniProt ID:	<u>Q8N3X1</u>
Cytogenetics:	11p11.2
Summary:	This gene encodes a protein containing two tryptophan-rich WW domains that binds the proline-rich formin homology 1 domains of formin family proteins, suggesting a role in the regulation of cytoskeletal dynamics during cell division and migration. It also binds intersectin family proteins suggesting a role in the maintenance of membrane curvature at sites of nascent vesicle formation. Naturally occurring mutations in this gene are associated with Waardenburg anophthalmia syndrome. [provided by RefSeq, Apr 2017]

Product images:



Coomassie blue staining of purified FNBP4 protein (Cat# [TP306808]). The protein was produced from HEK293T cells transfected with FNBP4 cDNA clone (Cat# [RC206808]) using MegaTran 2.0 (Cat# [TT210002]).