

Product datasheet for PH318642

BSPRY (NM_017688) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BSPRY MS Standard C13 and N15-labeled recombinant protein (NP_060158)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218642
Predicted MW:	44.2 kDa
Protein Sequence:	>RC218642 representing NM_017688 Red =Cloning site Green =Tags(s)

MSAEGAEPGPGSGPGPLCPEHGQALSWFCGSERRPVCAACAGLGGRCRGHRIRRAEERAEEELRNKI
 VDQCERLQLQSAAITKYVADVLPGKNQRAVSMASAAARELVIQRLSLVRSCESEEQRLLEQVHGEEERAH
 QSILTQRVHWAELQKLDTIRTGLVGM LTHLDDLQIQKEQEIFERTEEAEGILD PQESEM LNFNEKCTR
 SPLLTQLWATAVLGSLSGTEDIRIDERTVSPFLQLSDDRKT LTFSTKSKACADGPERFDHWPNALAATS
 FQNLHAWMVNQNSCAYKVGVASGHLPRKSGSDCRLGHNAFSWVFSRYDQEF RFSHNGQHEPLG LLRG
 PAQLGVVLDLQVQELLFYEPASGTVLC AHHVSFPGPLFPVFAVADQTISIVR

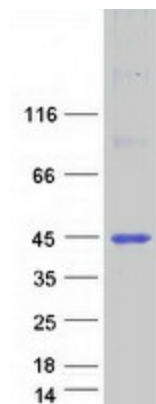
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_060158</u>
RefSeq Size:	2354
RefSeq ORF:	1206
Locus ID:	54836
UniProt ID:	<u>Q5W0U4</u>


[View online »](#)

Cytogenetics:	9q32
Summary:	May regulate epithelial calcium transport by inhibiting TRPV5 activity.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified BSPRY protein (Cat# [TP318642]). The protein was produced from HEK293T cells transfected with BSPRY cDNA clone (Cat# [RC218642]) using MegaTran 2.0 (Cat# [TT210002]).