

## Product datasheet for PH302527

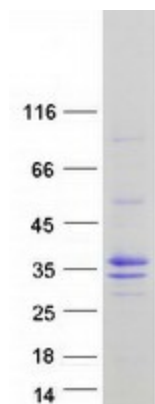
### MESP1 (NM\_018670) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MESP1 MS Standard C13 and N15-labeled recombinant protein (NP_061140)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202527
Predicted MW:	28.3 kDa
Protein Sequence:	RC202527
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_061140</a>
RefSeq Size:	1181
RefSeq ORF:	804
Synonyms:	bHLHc5
Locus ID:	55897
UniProt ID:	<a href="#">Q9BRJ9</a>
Cytogenetics:	15q26.1
Summary:	Transcription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transcription Factors



[View online »](#)

**Product images:**

Coomassie blue staining of purified MESP1 protein (Cat# [TP302527]). The protein was produced from HEK293T cells transfected with MESP1 cDNA clone (Cat# [RC202527]) using MegaTran 2.0 (Cat# [TT210002]).