

## Product datasheet for PH313507

### PREI3 (MOB4) (NM\_015387) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MOBKL3 MS Standard C13 and N15-labeled recombinant protein (NP_056202)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213507
Predicted MW:	25.9 kDa
Protein Sequence:	>RC213507 representing NM_015387 Red=Cloning site Green=Tags(s)  MVMAEGTAVLRRNRPGTKAQDFYNWPDESFDMDSTLAVQQYIQQNIRADCSNIDKILEPPEGQDEGVWK YEHLRQFCLELNGLAVKLQSECHPDTCTQMTATEQWIFLCAAHKTPKECPAIDYTRHTLDGAACLLNSNK YFPSRVSIKESSVAKLGSVCRRIYRIFSHAYFHRQIFDEYENETFLCHRFTKFMKYNLMSKDNLIVPI LEEEVQNSVSGESEA  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- <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_056202</a>
RefSeq Size:	2709
RefSeq ORF:	675
Synonyms:	2C4D; CGI-95; MOB1; MOB3; MOBKL3; PHOCN; PREI3
Locus ID:	25843
UniProt ID:	<a href="#">Q9Y3A3</a> , <a href="#">A0A024R3X9</a>

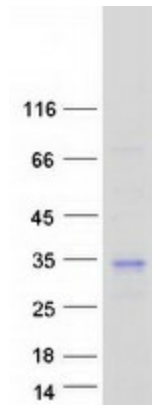


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Cytogenetics: 2q33.1

**Summary:** This gene was identified based on its similarity with the mouse counterpart. Studies of the mouse counterpart suggest that the expression of this gene may be regulated during oocyte maturation and preimplantation following zygotic gene activation. Alternatively spliced transcript variants encoding distinct isoforms have been observed. Naturally occurring read-through transcription occurs between this locus and the neighboring locus HSPE1.[provided by RefSeq, Feb 2011]

**Product images:**



Coomassie blue staining of purified MOB4 protein (Cat# [TP313507]). The protein was produced from HEK293T cells transfected with MOB4 cDNA clone (Cat# [RC213507]) using MegaTran 2.0 (Cat# [TT210002]).