

## Product datasheet for PH320754

### IL17E (IL25) (NM\_172314) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	IL25 MS Standard C13 and N15-labeled recombinant protein (NP_758525)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220754
Predicted MW:	16.7 kDa
Protein Sequence:	>RC220754 representing NM_172314 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MYQVVAFLAMVMGTHTYSHWPSCCPKSGQDTSEELLRWSTVPVPPLEPARPNRHPESCRASEDGPLNSRA ISPWRYELDRDLNRLPQDLYHARCLCPHCVSLQTGSHMDPRGNSELLYHNQTVFYRRPCHGEKGTGKGYC LERRLYRVSLACVCVRPRVMG  <b>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</b>
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_758525</a>
RefSeq Size:	1187
RefSeq ORF:	483
Synonyms:	IL17E
Locus ID:	64806
UniProt ID:	<a href="#">Q9H293</a>



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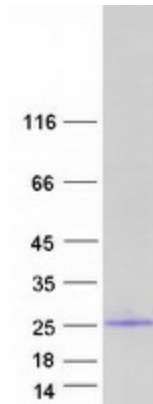
**Cytogenetics:** 14q11.2

**Summary:** The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction

### Product images:



Coomassie blue staining of purified IL25 protein (Cat# [TP320754]). The protein was produced from HEK293T cells transfected with IL25 cDNA clone (Cat# [RC220754]) using MegaTran 2.0 (Cat# [TT210002]).