

## Product datasheet for TP320042M

### Achaete scute homolog 3 (ASCL3) (NM\_020646) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human achaete-scute complex homolog 3 (Drosophila) (ASCL3), 100 µg |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC220042 representing NM_020646<br>Red=Cloning site Green=Tags(s)                        |

MMDNRGNSSLPDKLPIFPDSARLPLTRSFYLEPMVTFHVVHPEAPVSSPYSEELPRLPFPDSLILGNYS  
PCPFSFMPYPNYRGCEYSYGPAFTRKRNERERQRVKCVNEGQAQLRHHLPEEYLEKRLSKVETLRAAIK  
YINYLQSLLYPDKAETKNNPGKVSSMIATTSHHADPMFRIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 20.7 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C.  |
| Stability:     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| RefSeq:        | <u><a href="#">NP_065697</a></u>   |
| Locus ID:      | 56676  |
| UniProt ID:    | <u><a href="#">Q9NQ33</a></u>  |



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RefSeq Size: 650

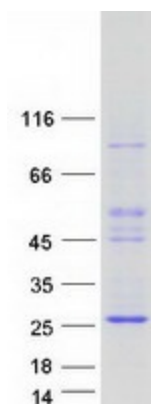
Cytogenetics: 11p15.4

RefSeq ORF: 543

Synonyms: bHLHa42; HASH3; SGN1

**Summary:** Basic helix-loop-helix transcription factors, such as ASCL3, are essential for the determination of cell fate and the development and differentiation of numerous tissues (Jonsson et al., 2004 [PubMed 15475265]).[supplied by OMIM, Mar 2008]

### Product images:



Coomassie blue staining of purified ASCL3 protein (Cat# [TP320042]). The protein was produced from HEK293T cells transfected with ASCL3 cDNA clone (Cat# [RC220042]) using MegaTran 2.0 (Cat# [TT210002]).