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Product datasheet for TP320042

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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220042 representing NM_020646 Red=Cloning site Green=Tags(s) MMDNRGNSSLPDKLPIFPDSARLPLTRSFYLEPMVTFHVHPEAPVSSPYSEELPRLPFPSDSLILGNYSE PCPFSFPMPYPNYRGCEYSYGPAFTRKRNERERQRVKCVNEGYAQLRHHLPEEYLEKRLSKVETLRAAIK 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:	NP_065697
Locus ID:	56676
UniProt ID:	Q9NQ33
RefSeq Size:	650

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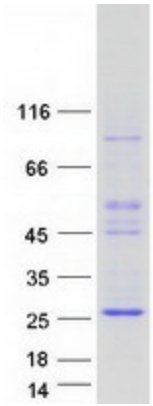
Cytogenetics: 11p15.4

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]).