

Product datasheet for PH320042

Achaete scute homolog 3 (ASCL3) (NM_020646) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ASCL3 MS Standard C13 and N15-labeled recombinant protein (NP_065697)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220042
Predicted MW:	20.7 kDa
Protein Sequence:	>RC220042 representing NM_020646 Red =Cloning site Green =Tags(s) MMDNRGNSSLPDKLPIFPDSARLPLTRSFYLEPMVTFHVHPEAPVSSPYSEELPRLFPFSDSLILGNYS PCPFSFPMPYPNYRGCEYSYGPAFTRKRNERERQVKCVNEGQAQLRHHLPEEYLEKRLSKVETLRAAIK YINYLQSLLYPDKAETKNNPGKVSSMIATTSHHADPMFRIV TR TRPLE QKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_065697
RefSeq Size:	650
RefSeq ORF:	543
Synonyms:	bHLHa42; HASH3; SGN1
Locus ID:	56676
UniProt ID:	Q9NQ33

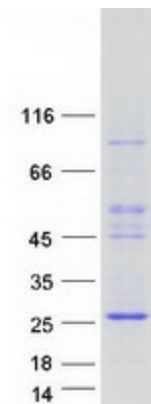


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Cytogenetics: 11p15.4

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]).