

Product datasheet for PH321910

TCF23 (NM_175769) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TCF23 MS Standard C13 and N15-labeled recombinant protein (NP_786951)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221910
Predicted MW:	23.1 kDa
Protein Sequence:	>RC221910 representing NM_175769 Red=Cloning site Green=Tags(s) MSQRKARGPPAMPVGVHSQTQAKARLLPGADRKRSLRTRQDPWEERSWSNQRWSRATPGPRGTRAGGL ALGRSEASPENAAARERSVRTLRQAFLLQAALPAVPPDTKLSKLDVLAASYIAHLTRTLGHELPGPA WPPFLRGLRYLHPLKWPMSRLYAGGLGYSDDLSTTASTPSQRTRDAEVGSQVPGGEADALLSTTPLSPA LGDK 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- 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_786951
RefSeq Size:	645
RefSeq ORF:	642
Synonyms:	bHLHa24; OUT; TCF-23
Locus ID:	150921
UniProt ID:	Q7RTU1

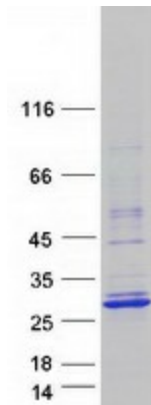


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Cytogenetics: 2p23.3

Summary: The gene encodes a member of the basic helix-loop-helix transcription factor family. Studies of the orthologous gene in mouse have shown the encoded protein does not bind DNA but may negatively regulate other basic helix-loop-helix factors via the formation of a functionally inactive heterodimeric complex. [provided by RefSeq, May 2010]

Product images:



Coomassie blue staining of purified TCF23 protein (Cat# [TP321910]). The protein was produced from HEK293T cells transfected with TCF23 cDNA clone (Cat# [RC221910]) using MegaTran 2.0 (Cat# [TT210002]).