

Product datasheet for PH314143

SIX homeobox 4 (SIX4) (NM_017420) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SIX4 MS Standard C13 and N15-labeled recombinant protein (NP_059116)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214143
Predicted MW:	82.8 kDa
Protein Sequence:	>RC214143 representing NM_017420 Red=Cloning site Green=Tags(s)
	MSSSSPTGQIASAADIKQENGMESASEGQEAHREVAGGAAVGLSPPAPAPFPLEPGDAATAAARVSGEEG AVAAAAAGAAADQVQLHSELLGRHHAAAAAQTPLAFSPDHVACVCEALQQGGNLDRLARFLWSLPQSD LLRGNESLLKARALVAFHQGIPELYSILESHSFESANHPLLQQLWYKARYTEAERARGRPLGAVDKYRL RRKFPLPRTIWDGEETVYCFKEKSRNALKELYKQNRYPSPAERHLAKITGLSLTQVSNWFKNRRQRDRN PSETQSKSESDGNPSTEDSSKGHEDLSPHPLSSSSDGI TNLSLSSHMEPVYMQQIGNAKISLSSSGVLL NGSLVPASTSPVFLNGNSFIQGPSGVILNGLNVGNTQAVALNPPKMSSNIVSNGISMTDILGSTSQDVKE FKVLQSSANSATTSYSPSVPVSPFGLIPSTEVKREGIQTVASQDGGSVVFTTTPVQINQYGIQIPNSG ANSQFLNGSIGFSPLQLPPVSVAASQGNISVSSSTSDGSTFTSESTTVQQGKVFLLSAPAVVYTPVNT GQTIGSVKQEGLESLVFSQLMPVNQNAQVNANLSSENISGSLHPLASSLVNVSPTHNFSLSPSTLLNP TELNRDIADSQPMASPVASKSTVTSVSNNTNYATLQNCSLITGQDLLSVPMTQAALGEIVPTAEDQVGHPS PAVHQDFVQEHRLVLSVANMKENFLSNSESKATSSLMMLDSKSKYVLDGMVDTVCEDLETDKKELAKLQ TVQLDEDMQDL
	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_059116

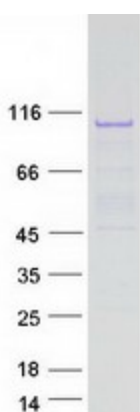


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RefSeq Size: 6214
RefSeq ORF: 2343
Synonyms: AREC3
Locus ID: 51804
UniProt ID: [Q9UIU6](#)
Cytogenetics: 14q23.1

Summary: This gene encodes a member of the homeobox family, subfamily SIX. The drosophila homolog is a nuclear homeoprotein required for eye development. Studies in mouse show that this gene product functions as a transcription factor, and may have a role in the differentiation or maturation of neuronal cells. [provided by RefSeq, May 2010]

Product images:



Coomassie blue staining of purified SIX4 protein (Cat# [TP314143]). The protein was produced from HEK293T cells transfected with SIX4 cDNA clone (Cat# [RC214143]) using MegaTran 2.0 (Cat# [TT210002]).