

Product datasheet for PH300761

HIC5 (TGFB11) (NM_015927) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TGFB11 MS Standard C13 and N15-labeled recombinant protein (NP_057011)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200761
Predicted MW:	47.9 kDa
Protein Sequence:	>RC200761 protein sequence Red=Cloning site Green=Tags(s)

MPRSGAPKERPAEPLTPPPSYGHQPQTGSGESSGASGDKDHLSTVCKPRSPKPAAPAAPPFSSSSGVLG
TGLCELDRLQLQELNATQFNITDEIMSQFPSSKVASGEQKEDQSEDKRPSLPSSPSPGLPKASATSATLE
LDRLMASLSDFRVQNHLPASGPTQPPVVSSTNEGSPSPPEPTGKGLDMLGLLQSDLRRGVPTQAKGL
CGSCNKPIAGQVVTALGRAWHPEHFVCGGCSTALGGSSFFEKDGAPFCPECYFERFSPRCGFCNQPIRHK
MVTALGTHWHPEHFCVSCGPEFGDEGFHEREGRPYCRRDFLQLFAPRCQGCQGPILDNYISALSALWHP
DCFVCRECFAPFSGGSFFEHEGRPLCENHFHARRGSLCATCGLPVTGRCVSALGRRFHPDHFTCTFCLRP
LTKGSFQERAGKPYCQPCFLKLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_057011</u>
RefSeq Size:	1812
RefSeq ORF:	1332
Synonyms:	ARA55; HIC-5; HIC5; TSC-5



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Locus ID: 7041

UniProt ID: [O43294](#), [A0A024QZE7](#)

Cytogenetics: 16p11.2

Summary: This gene encodes a coactivator of the androgen receptor, a transcription factor which is activated by androgen and has a key role in male sexual differentiation. The encoded protein is thought to regulate androgen receptor activity and may have a role to play in the treatment of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified TGFB11 protein (Cat# [TP300761]). The protein was produced from HEK293T cells transfected with TGFB111 cDNA clone (Cat# [RC200761]) using MegaTran 2.0 (Cat# [TT210002]).