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Product datasheet for PH309944

INSL3 (NM_005543) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	INSL3 MS Standard C13 and N15-labeled recombinant protein (NP_005534)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209944
Predicted MW:	14.5 kDa
Protein Sequence:	>RC209944 protein sequence Red=Cloning site Green=Tags(s) MDPRLPAWALVLLGPALVFALGPAPTPEMREKLCGHHFVRALVRVCGGPRWSTEARRPAAGGDRELLQWL ERRHLLHGLVADSNLTLGPGLQPLPQTSHHHRHHRAAATNPARYCCLSGCTQQDLLTLCPY 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_005534
RefSeq Size:	833
RefSeq ORF:	393
Synonyms:	ley-I-L; RLF; RLNL
Locus ID:	3640
UniProt ID:	P51460
Cytogenetics:	19p13.11

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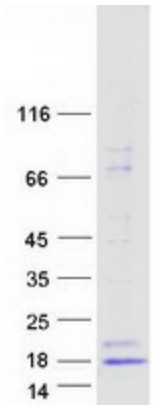
Summary: This gene encodes a member of the insulin-like hormone superfamily. The encoded protein is mainly produced in gonadal tissues. Studies of the mouse counterpart suggest that this gene may be involved in the development of urogenital tract and female fertility. This protein may also act as a hormone to regulate growth and differentiation of gubernaculum, and thus mediating intra-abdominal testicular descent. Mutations in this gene may lead to cryptorchidism. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2012]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified INSL3 protein (Cat# [TP309944]). The protein was produced from HEK293T cells transfected with INSL3 cDNA clone (Cat# [RC209944]) using MegaTran 2.0 (Cat# [TT210002]).