

Product datasheet for PH309751

LANCL2 (NM_018697) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LANCL2 MS Standard C13 and N15-labeled recombinant protein (NP_061167)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209751
Predicted MW:	50.9 kDa
Protein Sequence:	>RC209751 protein sequence Red=Cloning site Green=Tags(s)

MGETMSKRLKHLHGGEAEMEERAFVNPFPDYEEAAGALLASGAAEETGCVRPPATPDEPGLPFHQDGKII
HNFIRRIQTKIKDLLQQMEEGLKTADPHDCSAYTGWGTGIALLYLQLYRVTCDDQTYLLRSLDYVKTLLRNL
NGRRVTFLCGDAGPLAVGAVIYHKLRSDCESQECVTKLLQLQRSVVCQESDLPDELLYGRAGLYALLYL
NTEIGPGTVCESAIKEVVNAIIESGKTL SREERKTERCP LLYQWHRKQYVGA AHGMAGIYYMLMQPAAKV
DQETLTEMVKPSIDYVRHKKFRSGNYSSLSNETDRLVHWHGAPGVIHMLMQAYKVFKEEKYLKEAMEC
SDVIWQRGLLRKGYGICHGTAGNGYSFLSLYRLTQDKKYL RACKFAEWCLDYGAHGCRIPDRPYSLFEG
MAGAIHFLSDVLGPETSRFPAPAFELDSSKRD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

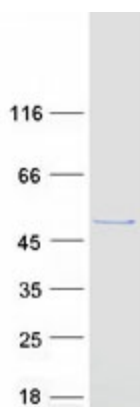
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	<u>NP_061167</u>
RefSeq Size:	4353
RefSeq ORF:	1350
Synonyms:	GPR69B; TASP



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Locus ID:	55915
UniProt ID:	Q9NS86 , B3KTN5
Cytogenetics:	7p11.2
Summary:	Necessary for abscisic acid (ABA) binding on the cell membrane and activation of the ABA signaling pathway in granulocytes.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified LANCL2 protein (Cat# [TP309751]). The protein was produced from HEK293T cells transfected with LANCL2 cDNA clone (Cat# [RC209751]) using MegaTran 2.0 (Cat# [TT210002]).