

Product datasheet for PH321563

LRR55 (NM_001005210) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LRR55 MS Standard C13 and N15-labeled recombinant protein (NP_001005210)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221563
Predicted MW:	37.5 kDa
Protein Sequence:	>RC221563 representing NM_001005210 Red=Cloning site Green=Tags(s)

MLRSPTFTDAGPRCSCLPVSQTLDSMDTVLMGSLQHCCCLLPKMGDTWAQLPWP GPPHPAMLLISLLAA
GLMHS DAGTSCPVLCTCRNQVVDCCSSQRLF SVPPDLPMDTRNLSLAHNRI TAVPPGYLTCY MELQVLDLH
NNSLMELPRGLFLHAKRLAHL DLSYNNF SHVPADM FQEAHGLVHIDL SHNPWLR RVHPQAFQGLMQLRDL
DLSYGG LAFLSLEALEGLPGLVTLQIGGNPWVCGCTMEPLLKWL RNRIQRCTADSQ LAECRGPPEVEGAP
LFSL TEESFKACHLTLTDDYLF IAFVGFVVS IASVATN FLLGITANCCHRWSKASEEEEI

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_001005210</u>
RefSeq Size:	3797
RefSeq ORF:	1023
Locus ID:	219527
UniProt ID:	<u>Q6ZSA7</u> , <u>A0A494C0H1</u>



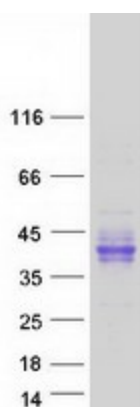
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Cytogenetics: 11q12.1

Summary: Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Modulates gating properties by producing a marked shift in the BK channel's voltage dependence of activation in the hyperpolarizing direction, and in the absence of calcium.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified LRRC55 protein (Cat# [TP321563]). The protein was produced from HEK293T cells transfected with LRRC55 cDNA clone (Cat# [RC221563]) using MegaTran 2.0 (Cat# [TT210002]).