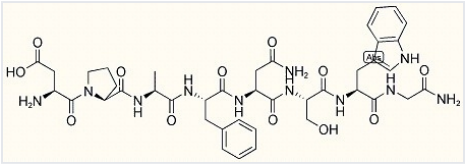
Leucokinin I Peptide – Synthetic Peptide, >95% Purity

PRODUCT OVERVIEW

Product Name	Leucokinin I (Lk), Peptide
Full Product Name	Leucokinin I
Product Gene Name	Lk peptide
Host	Synthetic
Form/Format	Lyophilized Powder
Purity/Purification	> 95%
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year.
Molecular Weight	891.93
Molecular Formula	C41H52N11O12
Chemical Structure	Asp-Pro-Ala-Phe-Asn-Ser-Trp-Gly-NH2
Related Product Information for Lk peptide	MBS8246717 is a peptide targeting Lk. Also known as Leucokinin I. Host: Synthetic. Peptide to Leucokinin I
Other Notes	Small volumes of Lk peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of Lk peptide

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Lk. It may not necessarily be applicable to this product.

NCBI GI #	24664203
NCBI GeneID	47746
NCBI Accession #	NP_524893.2
UniProt Secondary Accession #	Q4V3G8; Q9U4A5; Q9VUF4
UniProt Related Accession #	P81829
GenBank Nucleotide #	NM_080154.5
NCBI Official Full Name	leucokinin
NCBI Official Synonym Full Names	Leucokinin
NCBI Official Symbol	Lk
NCBI Official Synonym Symbols	CG13480; DLK; DmelCG13480; Drm-KIN; LCK; leucokinin; Leuk; leukokinin; lk; LK; pp
UniProt Protein Name	Leucokinin

Protein Family	Leucokinin
UniProt Gene Name	Lk
UniProt Synonym Gene Names	pp; DLK
UniProt Entry Name	LCK_DROME
NCBI Protein Information	CG13480 gene product from transcript CG13480-RA
UniProt Comments for Lk	Acts through intracellular calcium in Malpighian tubule stellate cells to raise chloride conductance.
Research Articles on Lk	**1.** Data show that mutations in the leucokinin neuropeptide (leuc) and leucokinin receptor (lkr) genes cause phenotypes in which Drosophila adults have an increase in meal size and a compensatory reduction in meal frequency.
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