



Recombinant *L. monocytogenes* Internalin [His] (DAG4326)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant <i>Listeria monocytogenes</i> Internalin, His-tagged
Species	<i>L. monocytogenes</i>
Purity	Greater than 95.0% as determined by SDS-PAGE.
Conjugate	His
Applications	Immunogen
Format	Internalin is lyophilized from a 0.2um filtered concentrated solution in 20mM PB pH7.4 and 300mM NaCl.
Size	100 µg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Internalins are surface proteins found on <i>Listeria monocytogenes</i> . They exist in two known forms, InIA and InIB. They are used by the bacteria to invade mammalian cells via cadherins transmembrane proteins. The exact role of these proteins and their invasiveness in vivo is not completely understood. In cultured cells, InIA is necessary to facilitate <i>Listeria</i> entry into human epithelial cells. While InIB is necessary for <i>Listeria</i> internalisation in several other cell types, including hepatocytes, fibroblasts, and epithelioid cells.
Keywords	<i>L. monocytogenes</i> Internalin; <i>Listeria Monocytogenes</i> Internalin; Internalin; <i>Listeria</i>

GENE INFORMATION

Protein Refseq

MANENNFLEI MSETKEIKIV NIPDNNLKKV LNKSLNKSEN SDLTVKDLES IEYLYGIAEN
ISNIEGLEYC KNLKILSLQN NDNSKKENFN TITDLSPLKY LKNLVVLDLR NNKISDL SPL
ENLTNLESLR LSGNNISNIS PLNKLESLTT LTLSYNEITD ISTISNLKNL THLALYNNKI
EDISSLKENT KLQNLSLGFN KIKDISVLSN LKNLYDLSLE ENNIKSIKSL SNLHKLSNIN
LKNNKIEDIS PLETCDNFFE KLILDGNRIS DISSLKKEI IVCSINNQTI TIKDWKVSDN
NSFEIKLPND NLDIKIDNIS ENGTDFIDNSI KWTNISP KSK LSFEFKQDID NDIHSIFYSG
TVRFRKREHHHH HH.
