

Title (en)
M CELL DIRECTED VACCINES

Title (de)
IMPFSTOFFE MIT SPEZIFITÄT FÜR M ZELLEN

Title (fr)
VACCINS AGISSANT SUR LES CELLULES M

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Application
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Abstract (en)
[origin: WO0149867A1] This invention provides a vaccine that can direct gene transfer to follicle associated epithelium or M cells to induce mucosal immunity using M cell ligands for receptor-mediated endocytosis. Also provided are polynucleotides sequences encoding M cell ligand-polybasic component fusion proteins, host cells, and methods of producing such proteins recombinantly and chemically. Further, methods are described for immunizing animal and human subjects against bacterial, viral, parasitic, fungal infectious agents or cancer and methods for assaying mucosal immunity using this vaccine.

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