

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN

VITESPEN

PRONUNCIATION

vi tes' pen

THERAPEUTIC CLAIM

Autologous heat shock protein immuno-stimulant for the treatment of cancer

CHEMICAL NAMES

1. gp96
2. glucose regulated protein 94 (grp 94)
3. endoplasmin (human tumor rejection antigen 1)

STRUCTURAL FORMULA

DDEVDVDGTV	EEDLGKSREG	SRTDDEVVQR	EEEEIQLDGL
*NASQIRELRE	KSEKFAFQAE	VNRMMKLIIN	SLYKNKEIFL
RELI [*] SNASDA	LDKIRLISLT	DENALSGNEE	LTVKIKCDKE
KNLLHVTDTG	VGMTREELVK	NLGTIAKSGT	SEFLNKMTEA
QEDGQSTSEL	IGQFVGGFYS	AFLVADKIV	TSKHNNDTQH
IWESDSNEFS	VIADPRGNTL	GRGTTITLVL	KEEASDYLEL
DTIKNLVKKY	SQFINFPIYV	WSSKTETVEE	PMEEEEAAKE
EKEESDDEAA	VEEEEEKKP	KTKKVEKTVW	DWELMNDIKP
IWQRPSKEVE	EDEYKAFYKS	FSKESDDPMA	YIHFTAEGEV
TFKSILFVPT	SAPRGLFDEY	GSKKSDYIKL	YVRRVFITDD
FHDMMPKYLN	FVKGVVDSD	LPLNVSRETL	QQHKLLKVIR
KKLVRKTLDM	IKKIADKYN	DTFWKEFGTN	IKLGVIEDHS
*NRRLAKLLR	FQSSHHPDI	TSLDQYVERM	KEKQDKIYFM
AGSRKEAES	SPFVERLLKK	GYEVIYLTEP	VDEYCIQALP
EFDGKRFQNV	AKEGVKFDES	EKTKE SREAV	EKEFEP LLNW
MKDKALKDKI	EKAVVSQRLT	ESPCALVASQ	YGWSGNMERI
MKAQAYQTGK	DISTNYASQ	KKTFEINPRH	PLIRDMLRRI
KEDEDDKTVL	DLAVVLFETA	TLRSGYLLPD	TKAYGDRIER
MLRLSLNIDP	DAKVEEPEE	EPEETAEDTT	EDTEQDEDEE
MDVGTDEEEE	TAKESTAED	EL	

* glycosylation sites

MOLECULAR FORMULA

C₃₉₇₀H₆₂₇₅N₁₀₄₇O₁₃₀₂S₂₁

MOLECULAR WEIGHT

90.1 kDa

TRADEMARK

Oncophage®

Nomenclature Statement

VITESPEN

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MANUFACTURER

Antigenics, Inc.

CODE DESIGNATION

HSPPC-96

CAS REGISTRY NUMBER

492448-75-6