Recombinant HAV Capsid Proteins VP4-VP2

Cat. No. VP4-739H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The protein contains the HAV structural proteins VP2-VP4 immunodominant regions. Hepatitis A Virus VP2-VP4 protein is purified by proprietary chromatographic techniques.
Species	HAV
Source	E.coli
Description	HAV, the prototype of the genus Hepatovirus, belongs to the family Picornaviridae. Its 7.5-kb single-stranded RNA genome bears different distinct regions: the 5' and 3' noncoding regions (NCR), the P1 region, which encodes the structural proteins VP1, VP2, VP3, and a putative VP4, and the P2 and P3 regions encoding nonstructural proteins associated with replication. Hepatitis A virus (HAV) encodes a single polyprotein which is posttranslationally processed into the functional structural and nonstructural proteins. Only one protease, viral protease 3C, has been implicated in the nine protein scissions.
Form	10 mM CBB pH 9.6, 0.1% SDS and 50% glycerol
Molecular Mass	44 kDa
Purity	> 90 % (SDS-PAGE)
Applications	ELISA; Western Blot

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Storage	Store at -20 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

Official Symbol	Capsid Protein
Synonyms	Capsid Protein

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