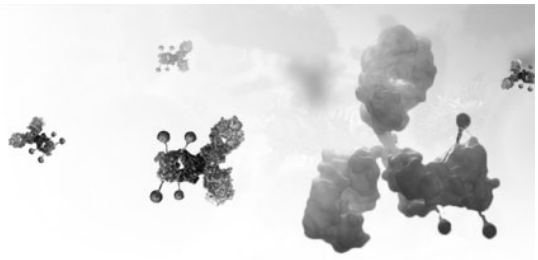

HIV type 1 P55 (full length) (DAG-P2728)

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

PRODUCT INFORMATION

Product Overview	HIV1 p55 full length protein
Antigen Description	HIV1 (gag) p55 is a precursor protein of several proteins that form the core structure of AIDS virus, indispensable to its reproduction. This protein is digested by HIV1 protease, first into intermediate products p41 and p15. Then p41 is digested into matrix protein p17 and capsid protein p24. Protein p15 is further digested into nucleocapsid protein p7 and to p6 and p1; of unknown function. Nine genes are encoded within the HIV1 RNA genome. Three of these genes, gag, pol, and env, contain information needed to make the structural proteins for new virus particles.
Nature	Recombinant
Expression System	E. coli
Species	HIV
Purity	> 90 % by SDS-PAGE.Purified by several steps of chromatography
Conjugate	Unconjugated
Applications	SDS-PAGE
Procedure	None
Format	Liquid
Buffer	Preservative: None Constituents: 20% Glycerol, 50mM Sodium chloride, 20mM Tris HCl, 10mM Beta mercaptoethanol, pH 7.5
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 20% Glycerol, 50mM Sodium chloride, 20mM Tris HCl, 10mM

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	Beta mercaptoethanol, pH 7.5

BACKGROUND

Introduction	The human immunodeficiency virus (HIV) is a lentivirus (slowly replicating retrovirus) that causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic
Keywords	gag; Gag polyprotein; Pr55Gag; HIV1 p55

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