

CATALOGUE #: 8H11

PRODUCT NAME: Human immunodeficiency virus 1 antigen (HIV-1, gp120-gp41 N-Trx), recombinant

Source: Expressed in *E.coli*

Description: Recombinant antigen
HIV-1 V3 domains of gp120 from groups M and O, ectodomain of gp41 from group M and ectodomain fragment of gp41 from group O
Contains N-terminal Trx-tag and a C-terminal His10-tag
Theoretical molecular weight of the whole construct 56.98 kDa
Theoretical pI 5.93.

Analysis: Purity ≥80 %
Concentration is determined spectrophotometrically

Purification: Metal affinity chromatography

Presentation: 50 mM NaH₂PO₄, 0.24 M NaCl, pH 7.4, 10 mM KCl, 0.5 M Arg, 0.4 M sucrose, 1 mM EDTA, 3 M Urea, 5 mM 2-mercaptoethanol

Storage: -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after the first thawing.
Product should not be stored unfrozen.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.