
Product Datasheet

**Human PLAU / uPA Protein(activated by trypsin)
(orb613660)**

Description

Human PLAU, His Tag (activated by

293 cells (HEK293). It contains A...

Reactivity

Human

Endotoxins

1.0 EU per µg

Conjugation

Unconjugated

Target

PLAU

Preservatives

25 mM HEPES, 150 mM NaCl, pH7.5

Form/Appearance

Powder

Storage

-20°C

Tag

C-6×His

Note

For research use only

Application notes

This protein carries a polyhistidine tag at the C-terminus. The active form of Human PLAU is a disulfide-linked heterodimer composed of long chain A (Ser 21 - Phe 177) and chain B (Ile 179 - Leu 431) with calculated MW of 17.8 kDa and 29.2 kDa. The long chain A is further cleaved to yield a short chain A (Lys 156 - Phe 177) and N-terminal fragment (Ser 21 - Lys 155) with calculated MW of 15.3 kDa. The protein migrates as 17 kDa (N-terminal fragment), 32-35 kDa (chain B) and 45-50 kDa (long chain A & chain B) under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.

Protein Sequence

NP_002649.1

Purity

90%

Source

Human PLAU, His Tag (activated by trypsin) (orb613660) is expressed from human 293 cells (HEK293). It contains AA Ser 21 - Leu 431 (Accession # P00749-1).

MW

15.3 kDa, 17.8 kDa and 29.2 kDa

Uniprot ID
P00749
NCBI
NP_002649.1