

Certification of Analysis



UbiProtein

1. PRODUCT INFORMATION

Name of protein:	BMTS-AUT-TIMP-1
Description:	Biological Materials Transdermal system linked AUT-TIMP-1, Recombinant human DNA expressed in <i>E. coli</i>
INCI name:	sr-(Oligopeptide-249 sh-Polypeptide-58)
Catalog No.:	UBP-ATM1-1
Lot. No.:	AT1-1-XXXXX
Formulation:	Tris-HCl, NaCl, Imidazole, Glycerol, Tween-20
Appearance:	Color that are visible to the naked eye or colorimetric measurements
Storage and Stability:	Avoid repeated freeze-thaw cycle. Short term (< 2 week) store at 2 – 8 °C Long term (≥ 2 week) store at ≤ - 20 °C
Expiration data:	2 years from date of manufacture

2. SPECIFICATION

Control Parameter	Specification	Result
pH	pH 8.0 ~ 8.5	pH 8.3
Identity (SDS-PAGE)	About 30 kDa single band	Pass
Purity (SDS-PAGE)	≥ 70.0 %	≥ 70.0 %
Protein Concentration (UV/Vis)	0.5 ± 0.05 mg/mL	0.5 mg/mL
Endotoxin	Not applicable	Not applicable
Biological Activity	Active form	Conformed
Bioburden	No detected	Pass (No bacteria/fungus detected)

Signed by:

Quality assurance