

Certification of Analysis



UbiProtein

1. PRODUCT INFORMATION

Name of protein:	AUT-TGFβ2-BMTS
Description:	Biological Materials Transdermal system linked AUT-TGFβ2, Recombinant human DNA expressed in <i>E. coli</i>
INCI name:	sr-(Methionyl sh-Polypeptide-76 Oligopeptide-249)
Catalog No.:	UBP-ATF-1
Lot. No.:	ATF-1-XXXXX
Formulation:	20mM Tris-HCl [pH 9.0], 0.7M CHES, 1.6M Urea, 0.2mM GSH, 2mM GSSG, 10% Glycerol
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 9.0 ~ 10.0	pH 9.0
Identity (SDS-PAGE)	Reducing condition - about 12 / non-reducing condition: about 24(kDa)	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