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## Product Datasheet

### Human p23 protein (active), Unconjugated GTX00443-PRO

Article Name	Human p23 protein (active), Unconjugated
Biozol Catalog Number	GTX00443-PRO
Supplier Catalog Number	GTX00443-pro
Alternative Catalog Number	GTX00443-PRO-50
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
NCBI	<a href="#">10728</a>
UniProt	<a href="#">Q15185</a>
Buffer	20mM HEPES, 80mM NaCl, 10% Glycerol, no preservatives.
Expression System	E. coli
Form	Liquid
Sequence	Full-length protein, NP_006592.3 with N-terminal SH residue

Application Notes

4  $\mu$ M p23 Protein, when added to 2  $\mu$ M AHA1 Protein (Aha1)-activated HSP90 (2  $\mu$ M, His-tagged HSP90 beta) in 33 mM HEPES (pH 7.2) with 30 mM NaCl, 5 mM MgCl<sub>2</sub>, 1 mM DTT, 1.5 mM ATP in a 100  $\mu$ l reaction at 37 C, eliminated all Aha1-mediated ATPase stimulation as well as intrinsic HSP90 ATPase activity. (This is an enzyme-linked ATP regeneration assay tracking loss of NADH absorbance at 340nm).