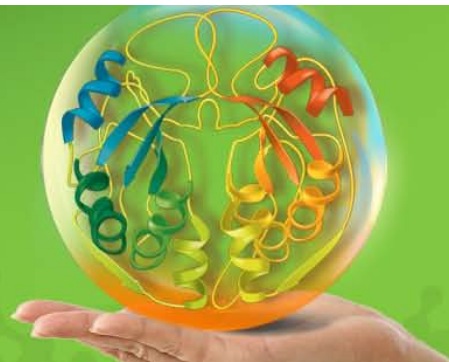
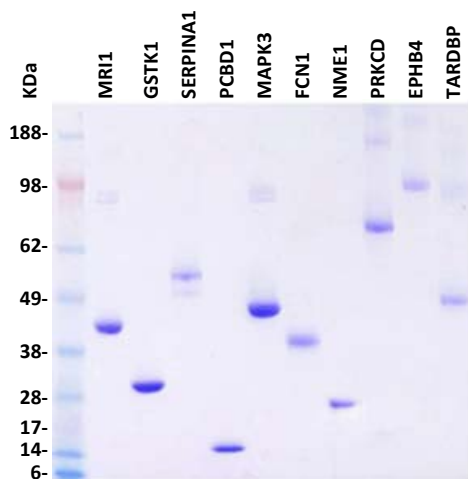


# Proteins & Lysates

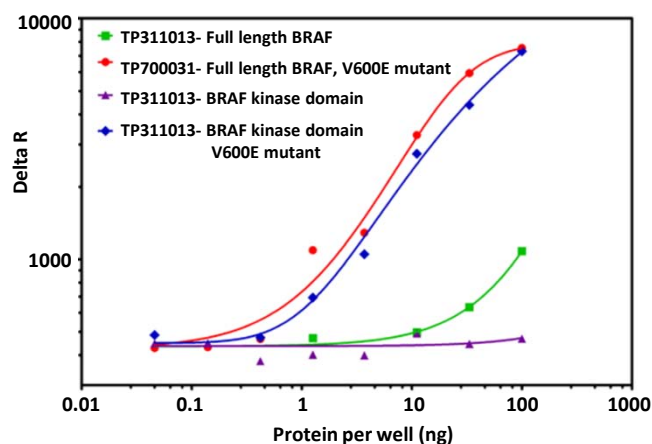
## Proteins & Lysates Made in Human Cells



Over 9000 full length protein made in HEK293 cells



Optimum preservation of protein structure & function



\*See back for more details

OriGene offers over 67,000 catalog proteins and lysates. Our proprietary protein expression/purification technology maximizes the purity and yield of target proteins in different systems.

### Key Features

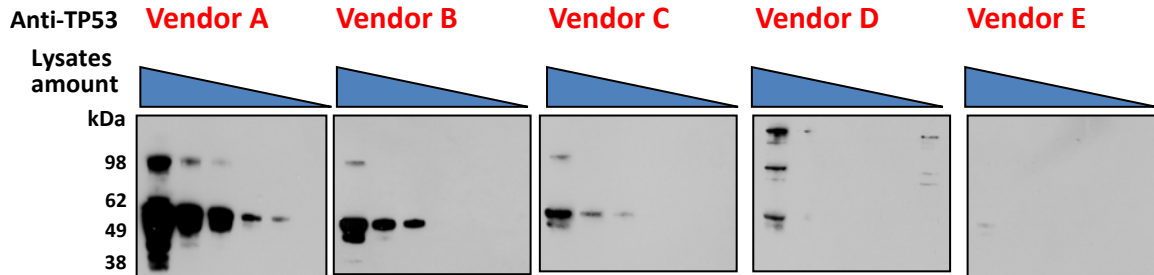
- Large collection of full length human proteins (>9000 available) made in human cells
- Optimum preservation of protein structure and post-translational modification
- Diverse product formats
  - Purified proteins
  - Heavy labeled proteins
  - Over-expression lysates
  - Human tumor cell lysates
  - Knockout cell lysates
- Custom protein and large scale production available

[www.origene.com/protein-service](http://www.origene.com/protein-service)

For more information, please visit  
[www.origene.com/proteins](http://www.origene.com/proteins)

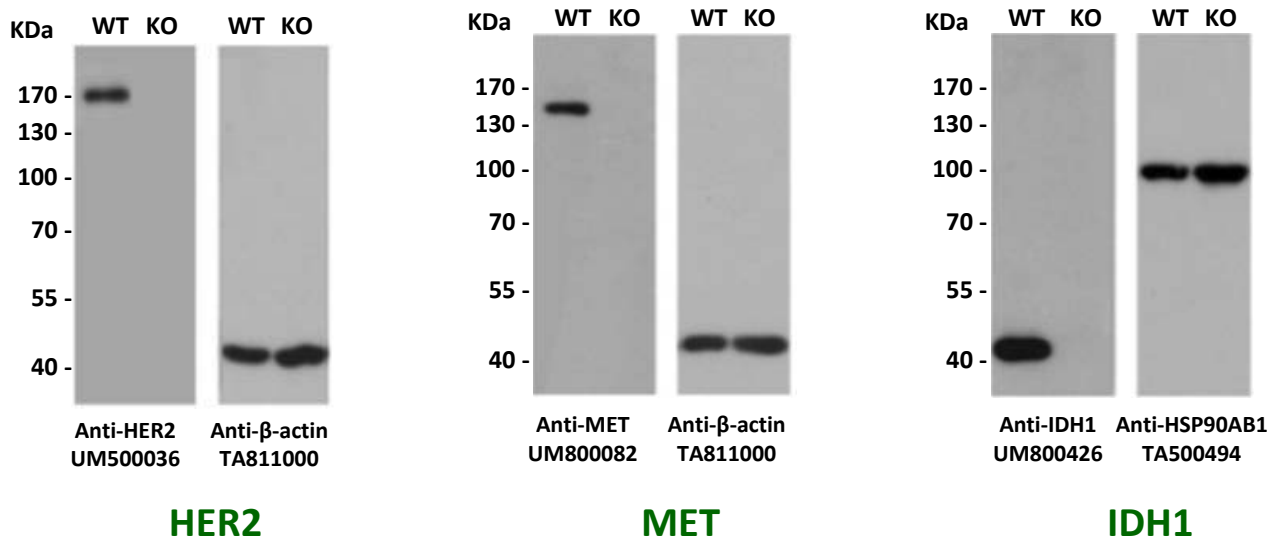
# Applications

## Antibody validation using over-expression lysates



Different amount of TP53 overexpression lysates were loaded on the SDS PAGE gel to validate TP53 antibodies from 5 different antibody suppliers. Using the overexpression lysates, you can screen out the best TP53 antibody for your research.

## Antibody validation using Knockout lysates



For more KO validation, please visit  
<https://www.origene.com/KO-validation>