

Recombinant Proteins



Advantages

01 Prokaryotic Expression System

E.coli expression system has stably expressed more than **6,500** kinds of proteins with high purity which can meet most experiments.

02 Eukaryotic Expression System

The protein expressed by HEK293,CHO mammalian cell expression system has higher activity.

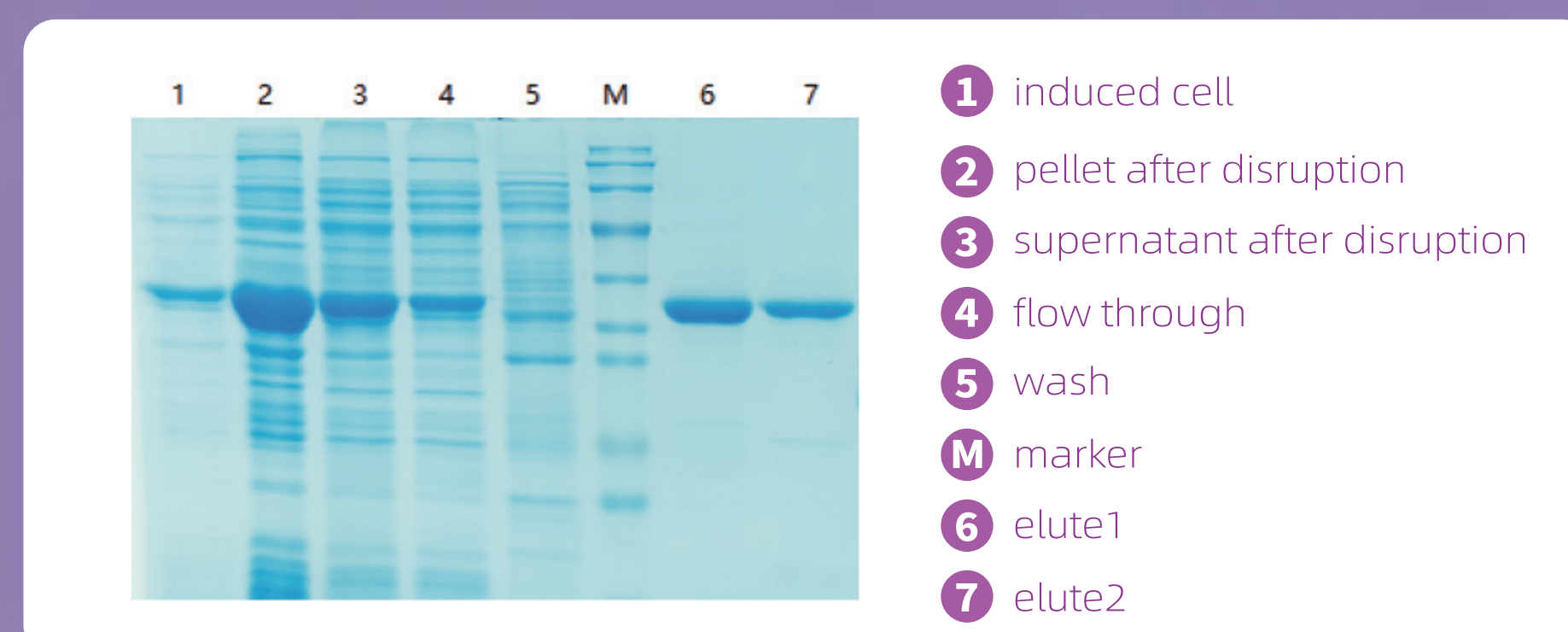


Elisa comparison between P2750 FineTest® recombinant CD147 and 972-EMN R&D recombinant CD147. The result shows FineTest® protein is at the same level as R&D.

Conc. (pg/ml)	OD (450nm)	
	R&D	FineTest®
7.8125	0.079	0.090
15.625	0.308	0.379
31.25	0.532	0.624
62.5	0.858	0.960
125	1.377	1.555
250	2.071	2.297
500	2.853	2.961
1000	3.383	3.322

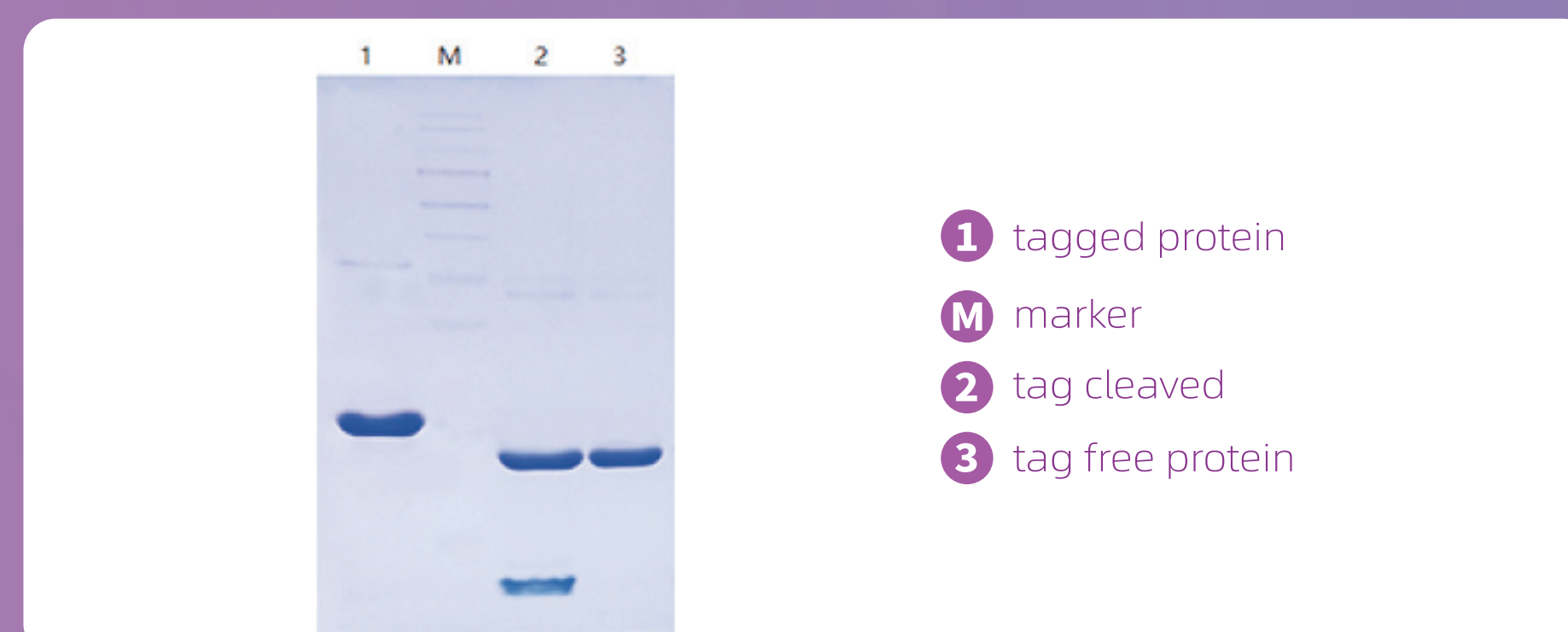
★ Soluble proteins ★

The groundbreaking pET28a-IF2DI expression vector developed by FineTest® features a powerful IF2DI solubilization tag, providing excellent soluble expression for highly hydrophobic proteins. It serves as a perfect substitute for GST, MBP, etc. Additionally, it has a smaller molecular weight and exerts a lesser impact on the expression of the target protein.



★ Tag free proteins ★

To meet different customer needs, the IF2DI tag can be removed by Thrombin enzyme, obtaining a clean and complete untagged protein, ensuring that the protein's activity is not affected.



★ Inclusion body proteins ★

For insoluble protein aggregates, FineTest®'s exclusive protein refolding technology can be used to refold them in a suitable buffer system, resulting in soluble forms of the target protein. Over 100 proteins with verified activity have been successfully refolded using this method.

