

## Anti-PFDN4 Antibody (8Q247)

### Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8Q247
Purification:	Protein A

### Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Human PFDN4 / PFD4 Protein (TMPY-03444)
Antigen Species:	Human
Synonyms:	PFD4;prefoldin subunit 4;C1

### Research Background

PFDN4 is a member of the prefoldin beta subunit family. It is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils. PFDN4 binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. PFDN4 also binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481