

Custom Production and Purification of E3 ligases

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Targeted protein degradation (TPD) using proteolysis targeting chimeras (PROTACs) and molecular glue degraders has arisen as a powerful therapeutic modality for eliminating disease-causing proteins from cells. Meanwhile, only a relatively small number of E3 ligases out of the >600 E3 ligases encoded by human genomes have been exploited by small molecules for TPD applications.

To support PROTAC research and therapeutics, Creative BioMart provides our customers with a list of recombinant E3 proteins to effectuate TPD.

BRD4	HSP70/HSPA1A	alpha-Synuclein	HECTD3	FBXW7
HSP10/EPF	HSP90 alpha	Tau	NEDD4	SKP2
HSP40/DNAJB1	Miro1/Rhot1	TDP-43/TARDBP	RBX1	APC/C
HSP60	PINK1	Viral HPV E6	CUL1	Parkin
RNF126	C-Cbl	BCA2	CHIP	TRIM25
FBXO38	TRAF6	HUWE1	WWP1	RNF138
UFM1	VHL			

Can't find what you are looking for exactly? We can still help! Creative BioMart has focused on protein production and purification for years, and our custom-service team is capable of creating the

protein that suits your experimental needs.

What else? We can also provide PROTACs services, including:

- E3 ligase and target protein development service
- Ligand discovery and design service
- PROTAC *in vitro* evaluation
- PROTAC in vivo evaluation
- Targeted protein degradation service

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Welcome to contact us for more information.

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