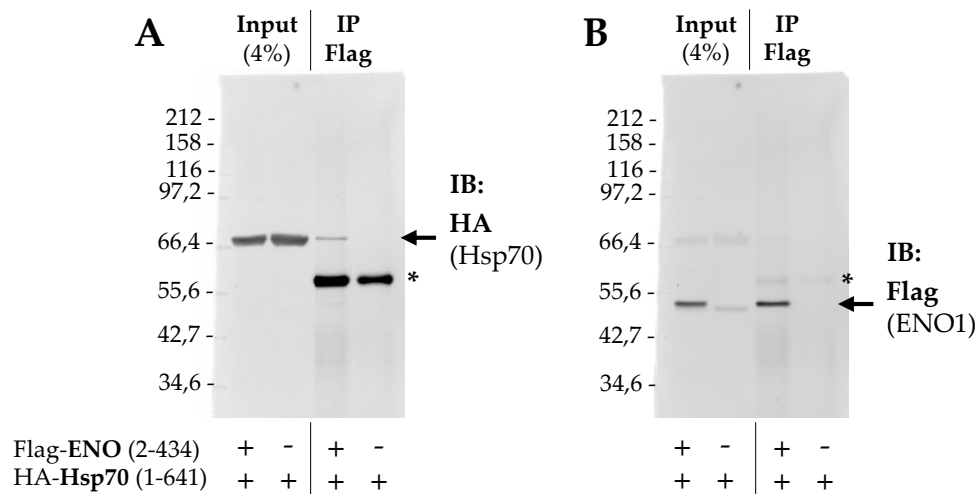


Identification of the Interaction Domains in the ENO1/Hsp70 Complex, Delve into Novel Potential Therapeutic Target

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Supplementary Materials



Supplementary Figure S1. Absence of cross-reactivity of anti-Flag monoclonal antibody with HA-Hsp70 protein. Cell lysates from HEK 293T cells co-transfected with HA-tagged full length Hsp70 and Flag-tagged full-length ENO1 or singularly transfected with HA-tagged full length Hsp70, were immunoprecipitated with anti-Flag antibody and analyzed by immunoblotting (IB) with anti-HA (A) or anti-Flag (B) antibody. No precipitation was observed when lysates from cells singularly expressing HA tagged Hsp70 were incubated with anti-Flag antibodies, showing the absence antibody of cross-reactivity. Input represents 4% of the cell extract used for each IP sample. Asterisks indicate bands corresponding to immunoglobulin heavy chains.

Supplementary Table S1. Reported post-translational modification of ENO1 region between amino acids 244 and 279

Ontology	Residues position(s)	Reference	Function
Oxidation	244	Zakrzewicz et al. 2018 [27]	unknown
Acetylation	256, 257	Choudhary et al. 2009 [62] Nakayasu et al. 2017 [63]	Substrate binding capacity
Phosphorilation	254, 263, 272	Dephoure et al. 2008 [64] Zhou et al. 2013 [65] Bian et al. 2014 [66] Mayya et al. 2009 [67]	Cellular glycolysis
Citrullination	253	Cook et al. 2017 [68]	Autoimmunity

Supplementary Table S2. Primers used for expression plasmid construction.

Oligo name	Sequence (5'-3')
PSA 2	CCCAAGCTTTCTATTCTCAAGATCCATGCC
PSA 97	CCCAAGCTTACCATGGATGGAACAGAAAAT
PSA 165	CCCAAGCTTGCCATGCAGGAGTTC
PSA 244	CCCAAGCTTACCATGGACGTAGCGGCC
Flag ENO1	CCCAAGCTTTCTATTCTCAAGATCCATGCC
Flag Anti 243	TGC TCT AGA GCC GAT GAC CAC CTT ATC AGT
CMV24	TAT TAG GAC AAG GCT GGT GGG CAC
SP6	ATTTAGGTGACACTATAG
Sense HA	CCCAAGCTTGGTACCATGTATCCTTACGACG
Antisense-HA1	GCTCTAGACTAGTAGGACTCCAGGGCGTTCT
Antisense-HA2	GCTCTAGACTATGACCCAGACCCTCCCTTG
Antisense-HA3	GCTCTAGACTACTTGGGACCCTGAGCCCCGAA
Antisense-HA4	GCTCTAGACTAACCACCGGCACCCTGGTACA