

Human UFC1, His Tag Protein

HA210507



Product name:	Human UFC1, His Tag
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human UFC1 protein (Q9Y3C8) (Met 1-ASN 167) was expressed with a His tag at the C-terminus.
Background:	E1-like enzyme which specifically catalyzes the second step in ufmylation. Accepts the ubiquitin-like modifier UFM1 from the E1 enzyme UBA5 and forms an intermediate with UFM1 via a thioester linkage. Ufmylation is involved in reticulophagy (also called ER-phagy) induced in response to endoplasmic reticulum stress.
Purity:	>95% as determined by SDS-PAGE.
Endotoxin:	Less than 1.0 EU per µg by the LAL method.
Fragment region:	UFC1 (1-167)
Source:	E.coli
Accession:	Q9Y3C8
Predicted molecular mass:	21.1 kD
Formulation:	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution:	Reconstitute at 250 µg/ml in sterile water.
Storage:	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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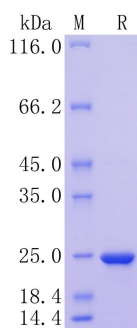


Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".