

Product Datasheet

Plant ALS protein (orb605421)

Description	Recombinant Arabidopsis thaliana Acetolactate synthase, chloroplastic(ALS),partial
Endotoxins	Not test.
Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Form/Appearance	Liquid or Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	N-terminal 6xHis-tagged
Note	For research use only
Application notes	Partial
Protein Sequence	KGADILVEALERQGVETVFAYPGGASMEIHQALTRSSSIRNVLP RHEQGGVFAAE GYARSSGKPGICIATSGPGATNLVSLADALLDSVPLVAITGQVPRRMIGTDAFQ ETPIVEVTRSITKHNYLMDVEDIPRIIEEAFFLATSGRPGPVLVDVDPKDIQQQLAIP NWEQAMRLPGYMSRMPKPPEDSHLEQIVRLISESKKPVLYVGGGCLNSSDELGR FVELTGIPVASTLMGLGSYPCCDELSLHMLGMHGTYYANYAVEHSDLLAFGVR FDDRVTGKLEAFASRAKIVHIDIDSAEIGKNKTPHVSVC GDVKLALQGMNKKVLEN RAEELKLD FGVWRNELNVQKQKFP LSFKTFGEAIPPQYAIKVLDELTDGKAIISTG VGQHQMWAAQFYNYKKPRQWLSSGGLGAMGFGLPAAIGASVANPD AIVVDID GDGSFIMNVQELATIRVENLPVKVLLNNQHLGMVMQWEDRFYKANRAHTFLG DPAQEDEIFPNMLLFAACGIPAARVTKKADLREAIQTMLDTPGPYLLDVICPHQE HVLPMIPSGGTFNDVITEGDGRIKY
Purity	Greater than 90% as determined by SDS-PAGE.
Source	Yeast
MW	64.4 kDa
Uniprot ID	P17597
Expiration Date	6 months from date of receipt.