Recombinant Chicken VTG1 Protein (24-633 aa), His-tagged

Cat. No. VTG1-866C **Lot. No.** (See product label)

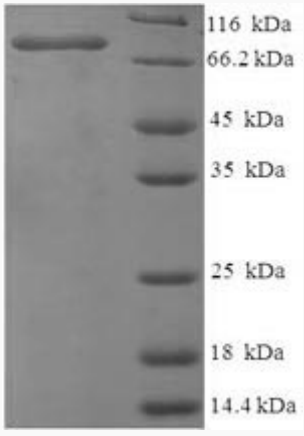
SPECIFICATION

Product Overview	Recombinant Chicken VTG1 Protein (24-633 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Chicken
Source	E.coli
ProteinLength	24-633 aa
Description	Precursor of the egg-yolk proteins that are sources of nutrients during early development of oviparous organisms.Phosvitin is believed to be of importance in sequestering calcium, iron and other cations for the developing bryo.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	72.4 kDa
AA Sequence	FGENKVYTYNYESILFSGIPEKGLARTGIRIRSEVEISGIGPKLCLIRIHSIEAAEYNGIW PTSSFSRSLKLTQALTGQLSIPIKFEYSNGHVGNLMAPDSVSDDGLNIYRGILNILELS LKKMQHSYSIQEAGIGGICNTTYAIQENKKANLVDVTKSKDLNSCEEKVQVVTGSAY TQPCQTCQQRNKNSRATATYNYKIKYTHNEAVITQAEVEEVHQFTPFHEITGGNAIV EARQKLALIEVQKQVAEVPPKEFQKRGSLQYQFGSELLQLPVHLFKIKDVERQIEERL QDLVETTYEQLPSDAPAKALKLMHLLRAANEENYESVWKQFSSRPAYRRYLLDLLP AAASHRSLRFLRHKMERQELTNWEIAQTVLVALHSSSPTQEVMEEATLIVKKHCPRS

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	SSVLRKVCLLSYASLCHKRCSSPYSCSECLQVFHVFAGEALGKSNIEEVLLALKALG NVGHPASIKHIKKFLPGYAAGASELPLKVHETAVMALKSIGMRDPQMVQAITLEIFLN HKIHPRIRMLAAVVLLETKPGLPILMILVDAVLKEPSMQVASFIYSHLRALGRSTAPDL QMMASACRMAVRALSPKFDRSGYQFSKVFRF
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID	P87498
	

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	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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