

Human Fumarate hydratase protein (active)

Cat. No. GTX66998-pro

Applications Functional Assay**Species** Human**Package**

100 µg

Applications

Application Note

Specific activity is > 25 unit/mg, and is defined as the amount of enzyme that cleaves 1.0 µmole of L-Malate to Fumarate per minute at pH 7.5 at 37°C.

Properties

Form Liquid**Buffer** 20mM Tris-HCl**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

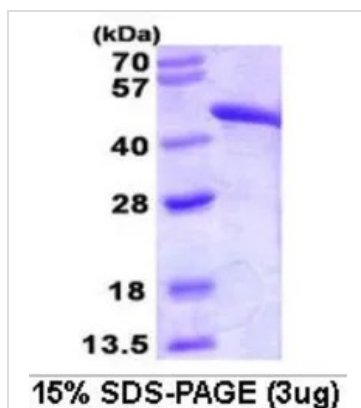
Length: 467 a.a. Sequence: MASQNSFRIE YDTFGELKVP NDKYYGAQTV RSTMNFKIGG VTERMPTPVI KAFGILKRAA
AEVNQDYGLD PKIANAIMKA ADEVAEGKLN DHFPLVWVQT GSGTQTNMNV NEVISNRAIE MLGGELGSKI PVHPNDHVNK
SQSSNDTFPT AMHIAAAIEV HEVLLPGLQK LHDALDAKSK EFAQIIKIGR THTQDAVPLT LGQEFSGYVQ QVKYAMTRIK
AAMPRIYELA AGGTAVGTGL NTRIGFAEKV AAKVAALTGL PFVTAPNKFE ALAAHDALVE LSGAMNTTAC SLMKIANDIR
FLGSGPRSLG GELILPENEP GSSIMPGKVN PTQCEAMTMV AAQVMGNHVA VTVGGSNGHF ELNVFKPMMI KNVLHSARLL
GDASVSFTEN CVGIIQANTE RINKLMNESL MLVTALNPHI GYDKAAKIAK TAHKNGSTLK ETAIELGYLT AEQFDEWVKP KDMLGPK

Expression System E. coli**Purity** > 95% by SDS-PAGE.**Endotoxin** < 1.0 EU/µg (determined by LAL method)**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

For full product information, images and publications, please visit our [website](#).

Date 2026 / 09 / 07 Page 1 of 2

DATA IMAGES



GTX66998-pro Image

3 µg of GTX66998-pro Human Fumarate hydratase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



For full product information, images and publications, please visit our [website](https://www.genetex.com).