



Pure tRNA^{Trp}

Cat. #	BH301
Quantity	1 µg
Description	tRNA^{Trp} is a primer of reverse transcriptase of Avian retroviruses (except ASNV). tRNA^{Trp} is purified from human placenta with the following procedures: (1) the extraction of total RNA by phenol-chloroform; (2) the chromatogram extraction of total tRNA with DE52; (3) the chromatogram separation of total tRNA^{Trp} with DEAE-Sephadex (A50); (4) the chromatogram (HPLC/LC) separation of tRNA^{Trp} with RPC-5 column; (5) the chromatogram (HPLC/LC) purification of tRNA^{Trp} with C4-reverse column. Detection is performed by aminoacylation of tRNA with H3-labeled tryptophan using aminoacyl tRNA synthetase from bovine liver.
Storage	For long-term storage (years), it is recommended that this product be stored at -80°C at a concentration of no less than 0.5 µg/µL. For short-term storage, this product is stable at -20°C for a minimum of one year.
Source	human placenta
Purity	HPLC grade